



Enterprise Solutions Catalog



2007/8



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PatchView



The PatchView solution is a powerful real-time infrastructure management tool that provides an end-to-end solution for planning, provisioning and day-to-day operations for datacenters and people work spaces.

All activities are immediately reported to the central management system. PatchView guides the user in planning additions and changes, and automatically updates the database ensuring totally accurate real-time documentation of the site infrastructure. PatchView's continuous monitoring of all physical connections also serves to ensure security compliance and protect against illegal connections, unauthorized devices and physical tampering. Extending location based security in real-time, PatchView enables enhanced network

presence security and safeguarding of property.

PatchView automatically plans and produces the necessary Work Orders, interactively directs the technician as to the tasks he needs to perform, monitors the execution and immediately alerts on any errors or problems. The system also features P-LET™ technology, a software-based, network mapping module, which enables the application to automatically trace end-to-end network connectivity, including Moves, Adds and Changes (MAC).

RiT solutions provide managed cross-connect, inter-connect and retrofit environments.

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PatchView System

Networks are the backbone of today's business environment and their efficient planning, deployment, maintenance and management are the key factors in an organization's ability to succeed. In order to ensure maximum uptime and efficiency, companies invest large sums in networking equipment, such as hubs, switches and routers, as well as software applications, firewalls, antivirus solutions etc.

The physical layer is where users actually connect to the network and it outlasts and supports all other elements in the network. However, even though the physical layer is of utmost importance to the organization, it is frequently neglected. For the most part, physical-level configuration, troubleshooting and tracking are still performed manually and inefficiently, resulting in significant losses to the organization.

With the introduction of PatchView, RiT introduced management, control and efficiency to the infrastructure and network physical layer.

Based on real-time information, the PatchView solution puts a powerful infrastructure management tool at the IT and network personnel's fingertips. PatchView guides the users in planning and deployment, automatically updating the database in real time and goes on to support their day-to-day activities.

The PatchView solution consists of SMART cabling components, PVMMax intelligent hardware and sophisticated PatchView for the Enterprise™ (PV4E) software applications that provide a complete view of infrastructure and physical layer connectivity and its relation to the logical layers. A user friendly application, it integrates all the information, enabling the enterprise to improve planning, control and utilization of the network.



PatchView reduces cost of infrastructure ownership

- Simplifies infrastructure administration
- Increases uptime
- Maximizes asset utilization
- Enables automated planning, deployment and provisioning
- Increases organization's security
- Optimizes the support service level

PatchView for the Enterprise (PV4E)

PatchView for the Enterprise™ (PV4E) Management Software takes the guesswork and legwork out of managing the infrastructure and physical layer of your network. A field-proven, comprehensive solution for real-time, location-based control over infrastructure and networked devices, PV4E drastically speeds up and simplifies site planning and daily network provisioning, maintenance and security and provides comprehensive visibility into datacenter and work space facilities, keeping an accurate inventory of all assets -- whether located across a campus or an ocean -- and their utilization.

As part of RiT's vision of the end-to-end managed and automated planning and provisioning process, RiT has developed a fully integrated Automated Provisioning Tool designed for datacenters and people work space environments. PV4E reduces time spent on planning and implementing tasks, therefore reducing human error and time needed to complete work while increasing accuracy. As an open-platform system, PV4E integrates seamlessly with the full range of help desk, network management and asset management tools including CAD, CA Unicenter, HP OpenView NNM and IBM Tivoli NetView. Furthermore, PV4E capabilities can be utilized and implemented by any external application or system in the organization's network using RiT's PV4E Software Development Kit (SDK).

Going one step further, RiT has introduced its unique PV360 Dashboard - a personalized, intuitive tool for real-time monitoring of Key Performance Indicators and trends as well as sophisticated alert mechanism and pinpointed drill down capabilities to get directly to the root cause of problems.

RiT's comprehensive solution also covers the datacenters and communication rooms with the PV4E PDA solution – SitePro, the ultimate hand held device that automatically guides the engineer through the tasks, provides work order management capabilities e.g. skip, change etc., uses a bi-directional interface with the management application and provides additional capabilities such as advanced search, notes and asset registration.



FEATURES

- Offers 100% reliable information, online, anywhere
- Real-time automated site planning, installation, documentation and daily operations management
- Proactive maintenance: early warning indication of emerging problems, real-time fault isolation and faster problem resolution leading to increased uptime
- Optimized asset utilization
- Identification and automatic tracking of all assets, e.g. datacenter servers, user PCs, IP phones, printers
- Identification and location of unauthorized devices that attempt to connect to the enterprise environment
- Seamless integration into overall organization processes
- Workforce management, business analytics and reports

Part Number	Description
PV4E	
R3830001	PV4E - Up to 1,000 ports
R3830002	PV4E - Up to 2,000 ports
R3830005	PV4E - Up to 5,000 ports
R3830010	PV4E - Up to 10,000 ports
R3830020	PV4E - Up to 20,000 ports
R3830030	PV4E - Up to 30,000 ports
R3830099	PV4E - More than 30,000 ports
PV4E Including SQL	
R3831001	PV4E - Up to 1,000 ports + SQL
R3831002	PV4E - Up to 2,000 ports + SQL
R3831005	PV4E - Up to 5,000 ports + SQL
R3831010	PV4E - Up to 10,000 ports + SQL
R3831020	PV4E - Up to 20,000 ports + SQL
R3831030	PV4E - Up to 30,000 ports + SQL
R3831099	PV4E - More than 30,000 ports + SQL
Additional Port License	
R4007200	1,000 - 20,000 Ports
PV360 Dashboard	
R3820048	PV360 Dashboard Light - up to 2,000 ports, restricted to 1 user
R3820049	PV360 Dashboard for the Enterprise
PV4E PBX Module	
R3820070	PV4E PBX Module
CAD Module	
R3820042	PV4E CAD Module including MapGuide 6.5
R3820044	PV4E CAD Module Without MapGuide
R3820081	Autodesk MapGuide (6.5) Upgrade module to Win 2003
HP Module	
R3820041	PV4E HP Open View NNM Module
CA Module	
R3820040	PV4E CA Unicenter Module
Tivoli Module	
R3820045	PV4E IBM Tivoli Module

Part Number	Description
Extended Driver Pack	
R3820074	PV4E Extended Switch Driver
R3820084	PV4E Customization for New Switch Driver
PV4E Software Support Agreement	
R4007401	PV4E, Basic Support Agreement, Second Line
R4007402	PV4E, Basic Support Agreement, First Line
R4007403	PV4E, Premium Support Agreement, Second Line
R4007404	PV4E, Premium Support Agreement, First Line

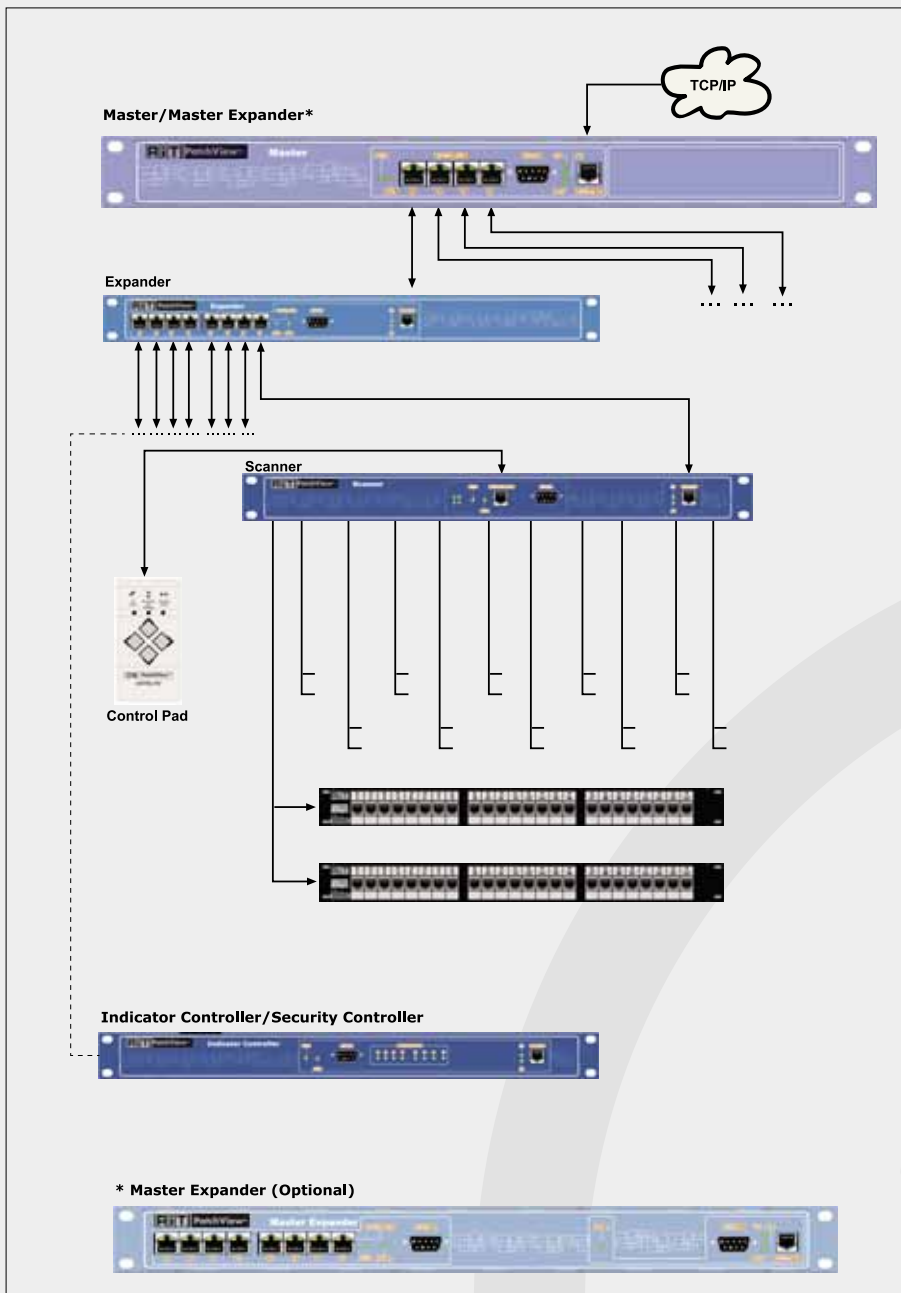
PVMax

PVMax is the latest hardware configuration of RiT's pioneering PatchView Intelligent Physical Layer Management Solution (IPLMS). Providing a complete and accurate view of physical layer connectivity, the PVMax modular design offers maximum flexibility of configuration.

Using the new PVMax Expanders the system can be cascaded from the PVMax Master to multiple levels. This hierarchical

system allows scanning of an unlimited number of ports located on SMART Patch Panels.

PVMax allows the user to operate the system over a large geographic area.



PVMax Master



FEATURES

The PVMax Master is the apex of the hierarchy and has the ability to view the entire system. The PVMax Master controls all underlying Scanners that manage the scanning algorithm.

The PVMax Master includes an SNMP agent that allows the management software to receive all relevant data. It collects, saves, and transmits connectivity data from the PVMax Scanners via the PVMax Expanders and updates PatchView for the Enterprise management station.

The PVMax Master can monitor up to four communication rooms.

The maximum length of a copper cable connecting the PVMax Master to the PVMax Expander is 1,200m/4,000ft. Each one of these DOWN LINK ports represents a site.

Since the PVMax Master has a perspective of all Scanners, its main function is to scan for connectivity changes between any two ports.

Part Number	Description
R3820100	PVMax Master

PVMax Master Expander



FEATURES

The PVMax Master Expander is a combination of the PVMax Master and the PVMax Expander. It contains all the modules of the PVMax Master as well as the features of the PVMax Expander. Only a single site may be defined when a PVMax Master Expander is used. The Master Expander cannot be connected to a PVMax Master.

The PVMax Master Expander can communicate with all devices connected to its DOWN LINK. Expanders or Scanners are directly connected to one of the DOWN LINK Ports located on the front panel of the PVMax Master Expander.

The PVMax Scanners are connected to the DOWN LINK Ports of PVMax Expanders. Up to eight PVMax Scanners can be connected to each Expander. These Expanders are in turn connected to higher-level Expanders or directly to the PVMax Master Expander depending on the site configuration.

Part Number	Description
R3820110	PVMax Master Expander

PVMax Expander



FEATURES

The PVMax Expander is used to expand the capabilities of the PVMax Master. This is achieved by cascading Expanders from the DOWN LINK ports of the PVMax Master.

Each DOWN LINK Port of a PVMax Master is connected to a Level 1 Expander at a site. Many levels of Expanders can be cascaded from the DOWN LINK ports of upper level Expanders. Each Level 1 Expander can be located in a separate site.

The PVMax Expander allows all devices connected to its DOWN LINK ports to communicate with all devices on its UP LINK port. The PVMax Expanders are the link between the PVMax Scanners and the PVMax Master thereby allowing the PVMax Master to communicate with all the PVMax Scanners in the system.

The PVMax Scanners are connected to the DOWN LINK ports of PVMax Expanders. Up to eight PVMax Scanners can be connected to each Expander. These Expanders are in turn connected to higher-level Expanders or directly to the PVMax Master/PVMax Master Expander depending on the site configuration.

Part Number	Description
R3820111	PVMax Expander

PVMax Scanner / PVMax Mini Scanner



1.2

PVMax

FEATURES

The PVMax Scanners are connected to the SMART Patch Panels with the Scanner Attachment Cords. The PVMax Scanner monitors all ports on these panels.

In addition to the core scanning functionality, the PVMax Scanner acts as the mediator between the Control Pad, which is used to control the system processes, and the PVMax Master. The PVMax Control Pad may be connected to any PVMax Scanner, both controlling the specific PVMax Scanner, locally, and sending/receiving instructions to/from the PVMax Master via the Expander.

PVMax Scanners are mounted in the communications center racks at various sites, such as different floors of a building or in other nearby buildings. They report on-site SMART Patch Panel connectivity information to the PVMax Master, which contains the SNMP agent.

There are two kinds of PVMax Scanners:

- PVMax Scanner – includes 12 connectors and can support up to 24 panels
- PVMax Mini Scanner – includes 6 connectors and can support up to 12 panels

Part Number	Description
R3820120	PVMax Scanner
R3820121	PVMax Mini Scanner

PVMax Local Scanner



FEATURES

An excellent cost-effective solution for organizations with remote branches. PVMax Local Scanner is a stand-alone device that manages the physical layer network. It is connected directly to the network and is able to monitor up to 6 panels. PVMax Local Scanner scans and processes the panels' physical connectivity information, and sends it via the network to the PV4E server. The PVMax Local Scanner also controls and manages the scanning algorithm.

- Presents a complete and up-to-date picture of the network connectivity regardless of the physical location of the site
- Collects, saves, and transmits connectivity data from the SMART Patch Panels and updates the PatchView for the Enterprise management station
- Built-in control button capabilities

Part Number	Description
R3820151	PVMax Local Scanner

PVMax Security Controller



1.2

PVMax

FEATURES

The PVMax Security Controller enables control of a variety of sensors and remote-controlled devices from the PV4E Management Station. Sensors such as temperature, humidity, floods etc., and remote devices such as rack indicators, door locks, door switches, fans, can be physically connected to the PatchView system using the PVMax Security Controller.

The PVMax Security Controller supports up to 32 external devices and sensors:

- 8 Dry Contact Ports support devices that include power supply, such as Door Lock
- 16 I/O Ports. Different sensors can be connected to these ports.
- 8 Output Ports support up to 8 Rack Indicators

Part Number	Description
R3820130	PVMax Security Controller

PVMax Indicator Controller



FEATURES

The PVMax Indicator Controllers are connected to the PVMax Expanders. The Rack Indicators, which are located on top of each Rack, are connected to the PVMax Indicator Controller. The PVMax Indicator Controller is related to all ports on the SMART Panels of each Rack.

Whenever a LED is lit on any port in any SMART Panel, the PVMax Indicator Controller sends a signal to the Rack Indicator on top of that Rack. The Rack Indicator blinks to guide the technician to the Rack.

PVMax Indicator Controllers and Rack Indicators are typically used in large communication rooms.

Part Number	Description
R3820140	PVMax Indicator Controller
R3825020	PVMax Rack Indicator

PVMax Control Pad



FEATURES

The PVMax Control Pad is connected to the PVMax Scanner.

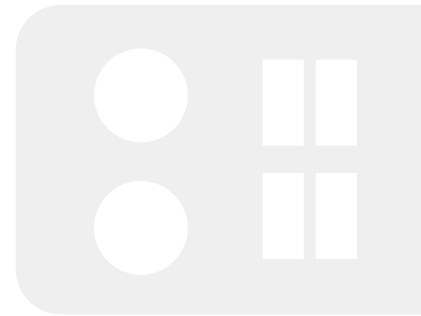
Using the PVMax Control Pad the technician is guided through the process of connecting and disconnecting the cords to complete the links defined in the system.

By activating one of the three functions of the PVMax Control Pad, the Technician is guided through different processes by the LEDs on the ports of the panels. The LED will either stay lit or blink depending on the activity being performed or required.

The PVMax Control Pad can be connected to any Scanners within the Site / Patching Area.

Part Number	Description
R3736300	PVMax Control Pad

PVMax Scanner Attachment Cord



FEATURES

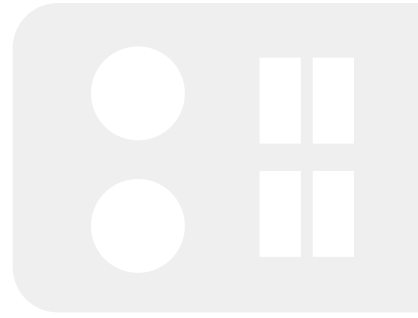
PVMax Scanners are connected to RIT's range of SMART Patch Panels with PVMax Scanner Attachment Cords:

- Supplied in various lengths
- Several types of Scanner Attachment Cords are available to suit the various types of SMART Patch Panels
- Flat or Round-Flat Attachment Cords are available

The PVMax Splitter is an attachment that doubles the functionality of the Scanner – two Scanner Attachment Cords can be fitted in one connector (new models of PVMax Panels have the same functionality without using the Splitter). Up to 24 Patch Panels can be connected to the Scanner using the Splitter. Either two Group A or Two Group B Scanner Attachment Cords are connected to the splitter.

Part Number	Description
Round-Flat Scanner Attachment Cord, Group A, UTP	
R3818015	Round-Flat Scanner Attachment Cord, Group A, UTP, 1.5m
R3818025	Round-Flat Scanner Attachment Cord, Group A, UTP, 2.5m
R3818060	Round-Flat Scanner Attachment Cord, Group A, UTP, 6.0m
R3818120	Round-Flat Scanner Attachment Cord, Group A, UTP, 12.0m
Round-Flat Scanner Attachment Cord, Group B, UTP	
R3814015	Round-Flat Scanner Attachment Cord, Group B, UTP, 1.5m
R3814025	Round-Flat Scanner Attachment Cord, Group B, UTP, 2.5m
R3814040	Round-Flat Scanner Attachment Cord, Group B, UTP, 4.0m
R3814060	Round-Flat Scanner Attachment Cord, Group B, UTP, 6.0m
R3814120	Round-Flat Scanner Attachment Cord, Group B, UTP, 12.0m
Flat Scanner Attachment Cord, Group A, UTP	
R3735031	Flat Scanner Attachment Cord, Group A, UTP, 1.5m
R3735032	Flat Scanner Attachment Cord, Group A, UTP, 2.5m
Flat Scanner Attachment Cord, Group B, UTP	
R3735035	Flat Scanner Attachment Cord, Group B, UTP, 1.5m
R3735036	Flat Scanner Attachment Cord, Group B, UTP, 2.5m
PVMMax Splitter	
R3825010	PVMMax Splitter
R3818002	Splitter Attachment Cord, UTP, 0.2m

SMART Inter-Connect



FEATURES

Cords connected to the switch ports are attached through an opening in the Inter-Connect panels that hold them in place.

Special cords are used with metal connectors that are in touch with the Inter-Connect panel through additional wire in the cable.

- The Inter-Connect system scans the wiring center configuration and reports the connectivity status in real time
- Computerized LEDs guide the technician step-by-step through all Moves, Adds and Changes (MAC)

- Extremely useful for facilitating maintenance in small to large size wiring centers over-congested with Patch Cords
- Simple and fast installation with minimum interference to the network operation
- Increasing network asset utilization

Patch Panels for Copper Cabling



RIT's large selection of Category 6A, Category 6 and Enhanced Category 5 Patch Panels covers all LAN cabling requirements. Accommodating fully shielded or unshielded cables, these easy-to-assemble panels can be ordered with or without patching switches and with or without provisions for RIT's PatchView

system. Advanced SMARTen models feature Category 6A performance for 10 Giga, SMART CLASSix models feature Category 6 performance and SMART Giga models feature Enhanced Category 5 performance, for supporting protocols of up to 1,000 Mbps.

Section 2.1

SMARTen Patch Panels (Category 6A)

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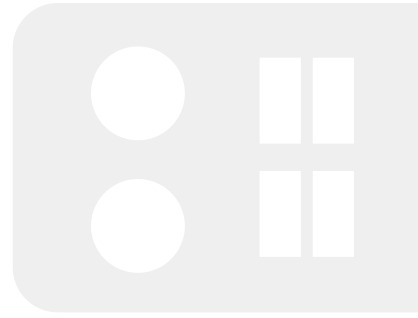
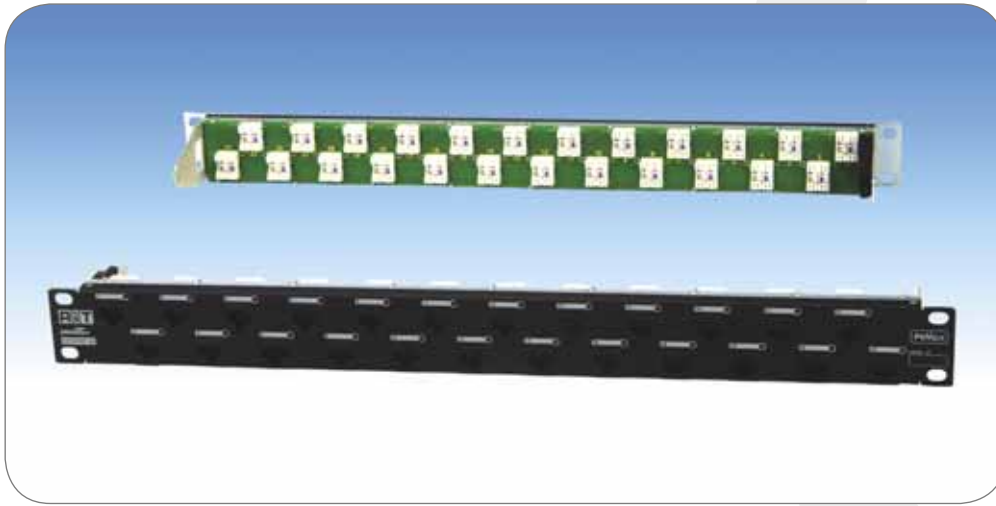
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SMARTen 24 UTP Patch Panels



2.1

Patch Panels for Copper Cabling

FEATURES

- Support 24 ports per 1U
- High performance, supportable bandwidth up to 500MHz according to IEEE 802.3an 10Gbps
- Special Panel design for minimizing Alien Cross-Talk
- Conform to ANSI/TIA/EIA-568-B.2-10 latest draft, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) for Category 6A/CLASS E_A
- Simple labor-saving termination using standard 110 Block termination tool
- Enhanced cable retention fixture
- Color coded wiring blocks, compatible with both T568A and T568B wiring options
- Backward compatible with Category 5e and Category 6 cabling standards
- Support solid and stranded 22-26 AWG wires
- PatchView and non-PatchView options

Part Number	Description
R3940010	SMARTen UTP Panel, 24
R3940014	SMARTen UTP Panel, 24, PVMMax

SMARTen 24 STP Patch Panels



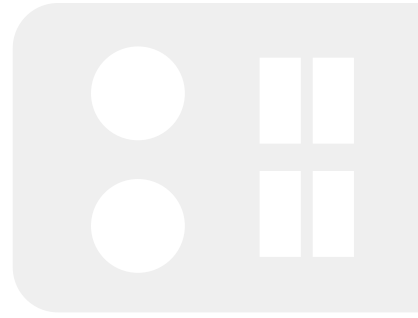
FEATURES

- Support 24 ports per 1U
- High performance, supportable bandwidth up to 500MHz according to IEEE 802.3an 10Gbps
- Special Panel design for minimizing Alien Cross-Talk
- Conform to ANSI/TIA/EIA-568-B.2-10 latest draft, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) for Category 6A/CLASS E_A
- Simple labor-saving termination using standard Krone & 110 Block termination tool
- Enhanced cable retention fixture
- Color coded wiring blocks, compatible with both T568A and T568B wiring options
- Backward compatible with Category 5e and Category 6 cabling standards
- Support solid and stranded 22-26 AWG wires
- PatchView and non-PatchView options

Part Number	Description
R3940110	SMARTen STP Panel, 24
R3940114	SMARTen STP Panel, 24, PVMMax

SMART CLASSix 24/48 UTP Patch Panels

SMART
CLASSix
WARRANTY



2.1

Patch Panels for Copper Cabling

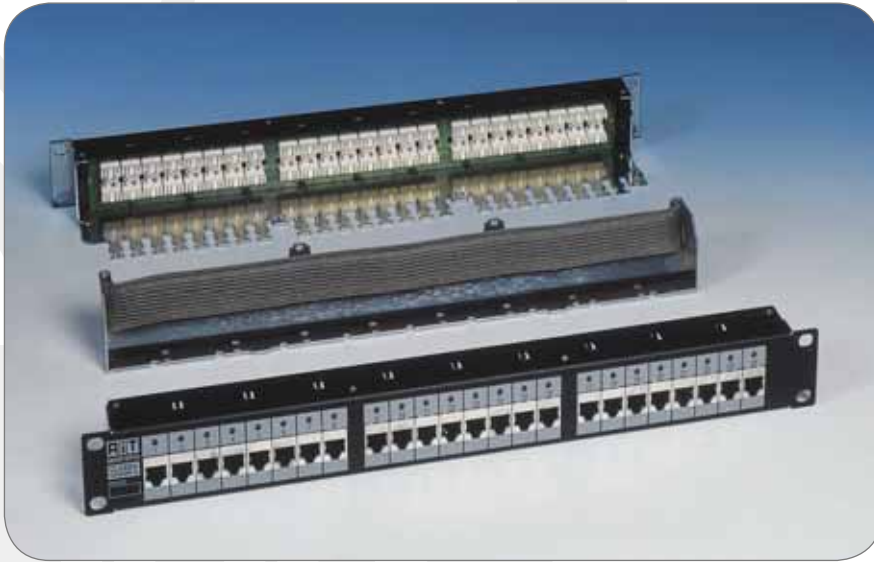
FEATURES

- Support 24 ports per 1U, 48 ports per 2U
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Simple labor-saving termination using standard 110 Block termination tool
- Enhanced cable retention fixture
- Color coded wiring blocks, compatible with both T568A and T568B wiring options
- Backward compatible with Category 5e cabling standards
- Support solid and stranded 22-26 AWG wires
- PatchView and non-PatchView options

Part Number	Description
R3910010	SMART CLASSix UTP Panel, 24
R3910011	SMART CLASSix UTP Panel, 24, PV
R3910014	SMART CLASSix UTP Panel, 24, PVMMax
R3914010	SMART CLASSix UTP Panel, 48
R3914011	SMART CLASSix UTP Panel, 48, PV
R3914014	SMART CLASSix UTP Panel, 48, PVMMax

SMART CLASSix 24 STP Patch Panels

SMART
CLASSix
WARRANTY



FEATURES

- Support 24 ports per 1U
- High performance panels that support all Category 6 connecting hardware performance specifications up to 250 MHz
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Simple labor-saving termination using standard Krone Block termination tool
- Excellent provisions for terminating shielded cables
- Enhanced cable retention fixture
- Sealed casing for superior EMI/RFI protection for shielded model panels
- Compatible with 22-26 AWG solid or stranded wire cables
- High durability and reliability
- PatchView and non-PatchView options

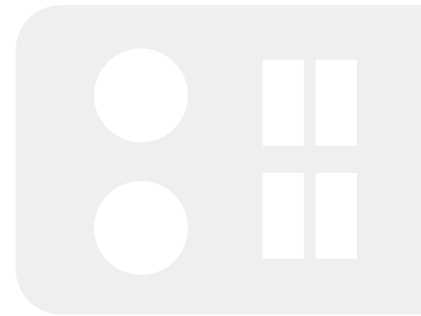
Part Number	Description
R3910100	SMART CLASSix STP Panel, 24
R3910101	SMART CLASSix STP Panel, 24, PV
R3910104	SMART CLASSix STP Panel, 24, PVMMax

2.1

Patch Panels for Copper Cabling

SMART CLASSix 48 1U Patch Panel (High Density)

SMART
CLASSix
WARRANTY



FEATURES

- Extremely high density panel supports 48 ports, using only a rack space height of 1U
- Compatible with Unshielded Twisted Pairs (UTP) cabling system
- Conforms to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Cable termination using 110 Block termination tool
- Enhanced cable retention fixture
- Compatible with 22-26 AWG solid or stranded wire cables
- High durability and reliability

Part Number	Description
R3916014	SMART CLASSix UTP Panel, 48 1U, PVMMax

2.1

Patch Panels for Copper Cabling

SMART CLASSix 48 UTP Patch Panels with Patching Switches

SMART
CLASSix
WARRANTY



FEATURES

- Front-mounted Patching Switches connect ports internally, dramatically reducing the need for patch cords
- Compatible to Unshielded Twisted Pairs (UTP) cabling system
- High performance Panel that supports Category 6 performance specifications up to 250 MHz
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Simple labor saving assembly and installation
- Enhanced cable retention fixture
- Support 48 ports, using 2U of Rack space
- Compatible with 22-26 AWG solid or stranded wire cables
- High durability and reliability
- PatchView and non-PatchView options

Part Number	Description
R3241000	SMART CLASSix UTP Panel, 48, Switches
R3241001	SMART CLASSix UTP Panel, 48, Switches, PV
R3241004	SMART CLASSix UTP Panel, 48, Switches, PVMMax

2.1

Patch Panels for Copper Cabling

SMART CLASSix 48 STP Patch Panels with Patching Switches

SMART
CLASSix
WARRANTY



2.1

Patch Panels for Copper Cabling

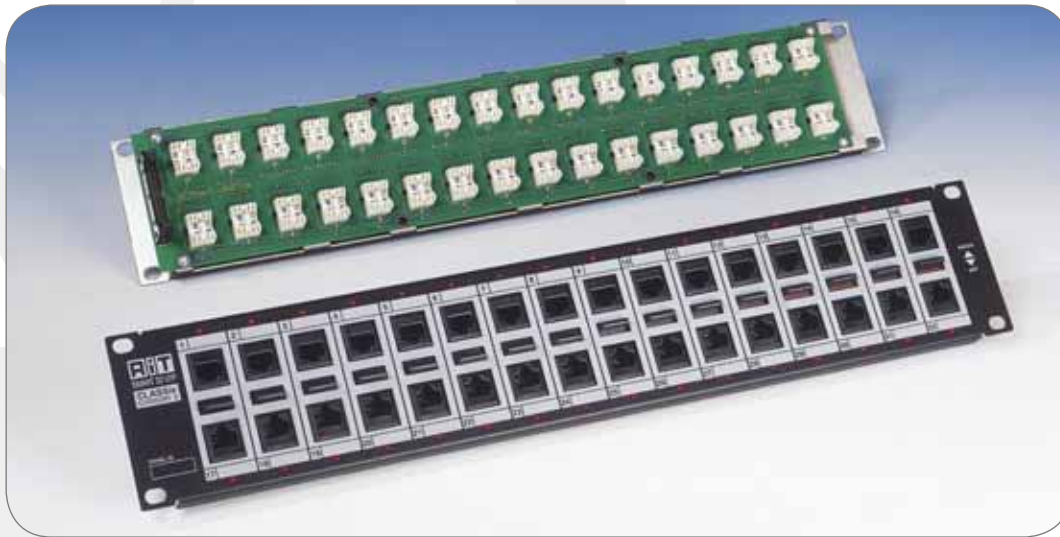
FEATURES

- Front-mounted Patching Switches connect ports internally, dramatically reducing the need for patch cords
- Compatible to Shielded Twisted Pairs (STP) cabling system
- High performance panel that supports Category 6 performance specifications up to 250 MHz
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Simple labor saving assembly and installation
- Enhanced cable retention fixture
- Support 48 ports, using 2U of Rack space
- Compatible with 22-26 AWG solid or stranded wire cables
- High durability and reliability
- PatchView and non-PatchView options

Part Number	Description
R3241010	SMART CLASSix STP Panel, 48, Switches
R3241011	SMART CLASSix STP Panel, 48, Switches, PV
R3241014	SMART CLASSix STP Panel, 48, Switches, PVMax

SMART CLASSix 32 UTP Patch Panels with Patching Switches

SMART
CLASSix
WARRANTY



FEATURES

- Front-mounted Patching Switches connect ports internally, dramatically reducing the need for patch cords
- Compatible to Unshielded Twisted Pairs (UTP) cabling system
- High performance, support Category 6 performance specifications up to 250 MHz
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Simple labor saving assembly and installation
- Enhanced cable retention fixture
- Support 32 ports, using 2U of Rack space
- Compatible with 22-26 AWG solid or stranded wire cables
- High durability and reliability
- PatchView and non-PatchView options

Part Number	Description
R3240000	SMART CLASSix UTP Panel, 32, Switches
R3240001	SMART CLASSix UTP Panel, 32, Switches, PV

2.1

Patch Panels for Copper Cabling

SMART CLASSix RJ-RJ 48 Patch Panels

SMART
CLASSix
WARRANTY



2.1

Patch Panels for Copper Cabling

FEATURES

- RJ-45 on rear of Panel for connecting network equipment with regular patch cords
- Front-mounted Patching Switches connect ports internally, dramatically reducing the need for patch cords
- High performance Panel that supports Category 6 performance specifications up to 250 MHz
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Models for STP or UTP cabling systems
- Enhanced cable retention fixture
- Support 48 ports, using 2U of Rack space
- High durability and reliability
- Simple labor saving assembly and installation
- Compatible with 22-26 AWG solid or stranded wire cables
- PatchView and non-PatchView options

Part Number	Description
R3243000	SMART CLASSix RJ-RJ UTP Panel, 48, 1 Row, Switches
R3243001	SMART CLASSix RJ-RJ UTP Panel, 48, 1 Row, Switches, PV
R3243004	SMART CLASSix RJ-RJ UTP Panel, 48, 1 Row, Switches, PVMMax
R3243010	SMART CLASSix RJ-RJ STP Panel, 48, 1 Row, Switches
R3243011	SMART CLASSix RJ-RJ STP Panel, 48, 1 Row, Switches, PV
R3243014	SMART CLASSix RJ-RJ STP Panel, 48, 1 Row, Switches, PVMMax

SMART Giga 24 Patch Panels - Vertical

SMART
GIGA
WARRANTY

5e



FEATURES

- Simple labor saving assembly and installation
- Excellent provisions for terminating shielded cables
- Sealed casing for superior EMI/RFI protection
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Models for STP or UTP cabling systems
- Two cable termination options: 110 blocks or Krone Blocks
- Compatible with 22-26 AWG solid or stranded wire cables
- Provisions for cable routing and clamping with I-shaped anchors and cable-ties at the rear
- Special grounding channels for improved cable grounding
- High durability and reliability
- PatchView and non-PatchView options

Part Number	Description
R3801610	SMART Giga UTP Panel, 24, Vertical, 110
R3801611	SMART Giga UTP Panel, 24, Vertical, 110, PV
R3801620	SMART Giga UTP Panel, 24, Vertical, Krone
R3801621	SMART Giga UTP Panel, 24, Vertical, Krone, PV
R3801010	SMART Giga STP Panel, 24, Vertical, 110
R3801011	SMART Giga STP Panel, 24, Vertical, 110, PV
R3801020	SMART Giga STP Panel, 24, Vertical, Krone
R3801021	SMART Giga STP Panel, 24, Vertical, Krone, PV

2.1

Patch Panels for Copper Cabling

SMART Giga 24/48 UTP Patch Panels

SMART
GIGA
WARRANTY



2.1

Patch Panels for Copper Cabling

FEATURES

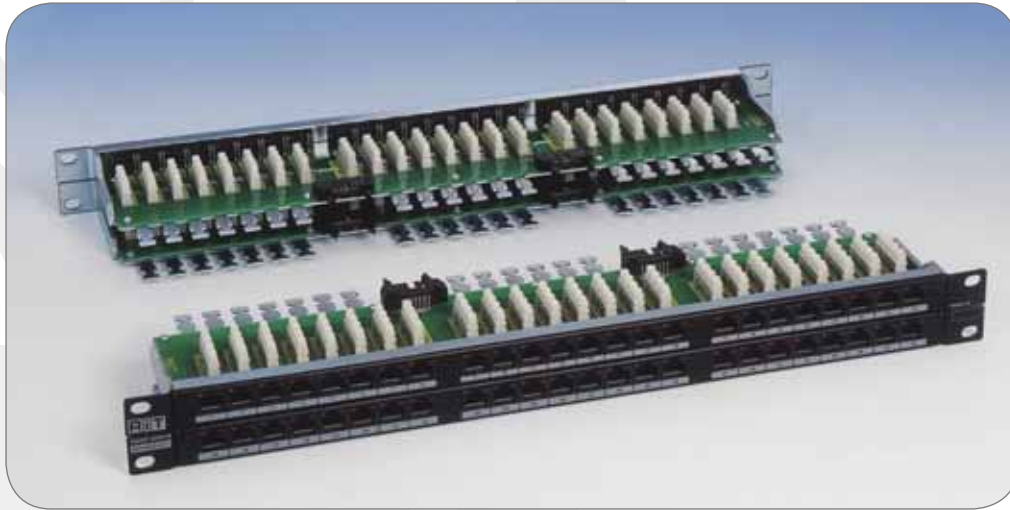
- UTP 24 - 1U high - 24 ports
UTP 48 - 2U high - 48 ports
- High performance, support 100 MHz data rates
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Cable termination using 110 Block termination tool
- Compatible with 22-26 AWG solid or stranded wires
- Models with optional cable retention fixture for enhanced strain relief and cable management available
- High durability and reliability
- PatchView and non-PatchView options

Part Number	Description
R3881124	SMART Giga UTP Panel, 24, 110
R3881148	SMART Giga UTP Panel, 48, 110
R3882124	SMART Giga UTP Panel, 24, 110, PV
R3882148	SMART Giga UTP Panel, 48, 110, PV
R3891124	SMART Giga UTP Panel, 24, 110, Cable Retention
R3891148	SMART Giga UTP Panel, 48, 110, Cable Retention
R3892124	SMART Giga UTP Panel, 24, 110, Cable Retention, PV
R3892148	SMART Giga UTP Panel, 48, 110, Cable Retention, PV

SMART Giga 48 1U UTP Patch Panels

SMART
GIGA
WARRANTY

5e



FEATURES

- Extremely high density Panel supports 48 ports and uses only 1U height of rack space
- Compatible to Unshielded Twisted Pairs (UTP) cabling system
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Simple labor saving assembly and installation
- Cable termination using 110 Block termination tool
- Provisions for cable routing and clamping with I-shaped anchors and cable-ties on back
- Compatible with 22-26 AWG solid or stranded wire cables
- High durability and reliability
- PatchView and non-PatchView options

Part Number	Description
R3260010	SMART Giga UTP Panel, 48, 1U, 110
R3260011	SMART Giga UTP Panel, 48, 1U, 110, PV

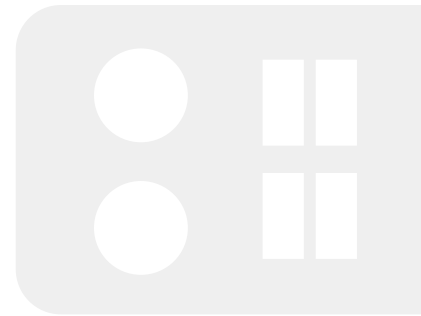
2.1

Patch Panels for Copper Cabling

SMART Giga 32 Patch Panels with Patching Switches

SMART
GIGA
WARRANTY

5e



2.1

Patch Panels for Copper Cabling

FEATURES

- Front mounted Patching Switches connect ports internally, dramatically reducing the need for patch cords in normal use
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Models for STP or UTP cabling systems
- Support 32 ports, using 2U of Rack space
- High durability and reliability
- Support solid and stranded 22-26 AWG wires
- PatchView and non-PatchView options

Part Number	Description
R3331100	SMART Giga UTP Panel, 32, 110, Switches
R3331103	SMART Giga UTP Panel, 32, 110, Switches, PV
R3333020	SMART Giga STP Panel, 32, Krone, Switches
R3333023	SMART Giga STP Panel, 32, Krone, Switches, PV

SMART Giga RJ-RJ 32 Patch Panels

SMART
GIGA
WARRANTY

5e



FEATURES

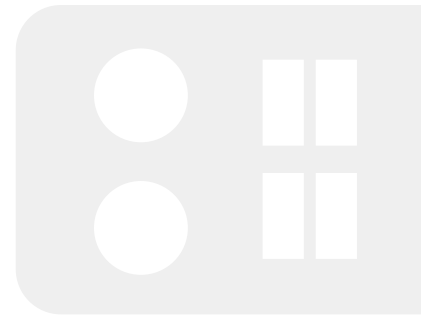
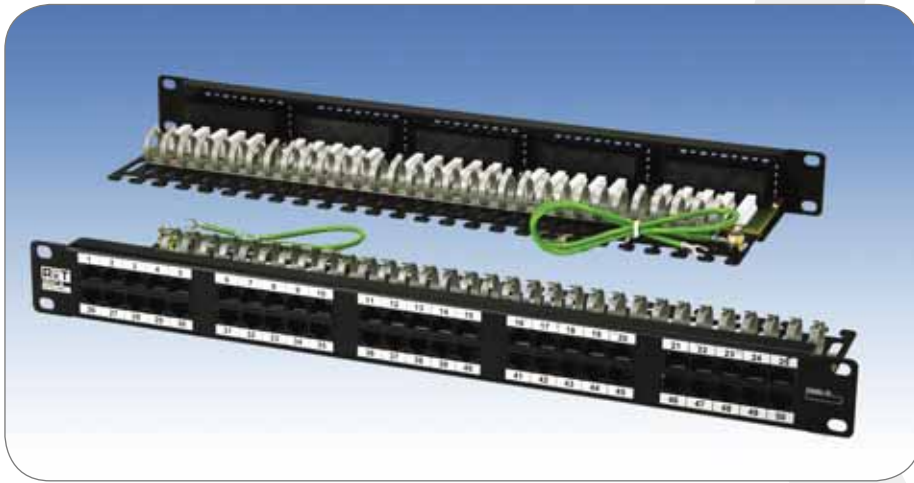
- RJ-45 on rear of panel for connecting network equipment with regular patch cords
- Front mounted Patching Switches connect ports internally, dramatically reducing the need for patch cords in normal use
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Models for STP or UTP cabling systems
- Support 32 ports, using 2U of Rack space
- High durability and reliability
- Support solid and stranded 22-26 AWG wires
- PatchView and non-PatchView options

Part Number	Description
R3340400	SMART Giga RJ-RJ UTP Panel, 32, 2 Row
R3340403	SMART Giga RJ-RJ UTP Panel, 32, 2 Row, PV
R3341100	SMART Giga RJ-RJ UTP Panel, 32, 1 Row, 110, Switches
R3341103	SMART Giga RJ-RJ UTP Panel, 32, 1 Row, 110, Switches, PV
R3343020	SMART Giga RJ-RJ STP Panel, 32, 1 Row, Krone, Switches
R3343023	SMART Giga RJ-RJ STP Panel, 32, 1 Row, Krone, Switches, PV

2.1

Patch Panels for Copper Cabling

Category 3 UTP 50 Port Patch Panel



2.1

Patch Panels for Copper Cabling

FEATURES

- Simple labor saving assembly and installation
- High Density: supports 50 ports, using 1U of Rack space
- Compatible with 22-26 AWG wires
- Enhanced cable retention fixture
- High durability and reliability

Part Number	Description
R3260030	Category 3 UTP Panel, 50 Ports

SMARTelco 24 Fast Ethernet Patch Panels

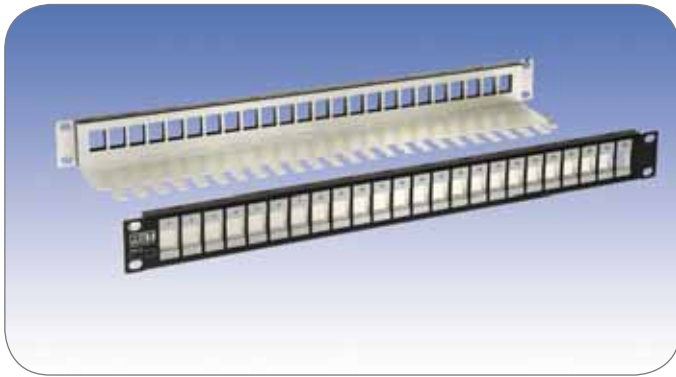


FEATURES

- Provide individual access to up to 24 100 Base-TX ports via two 50-pin Telco connectors
- Suitable for 100 Base-TX Switches and Hubs with Telco connector interface
- Fast and robust
- Integrated Printed Circuit Board, no internal wires
- Models for UTP cabling system
- Highly reliable design

Part Number	Description
R3723101	SMARTelco UTP Panel, 24, Fast Ethernet, PV
R3723201	SMARTelco UTP Panel, 24, Fast Ethernet, 1 Pair, PV
R3723054	Fast Ethernet UTP Telco Cable, 110Dg Right Right, 3m
R3723055	Fast Ethernet UTP Telco Cable, 110Dg Right Right, 5m

Modular Keystone 24 Patch Panels



2.1

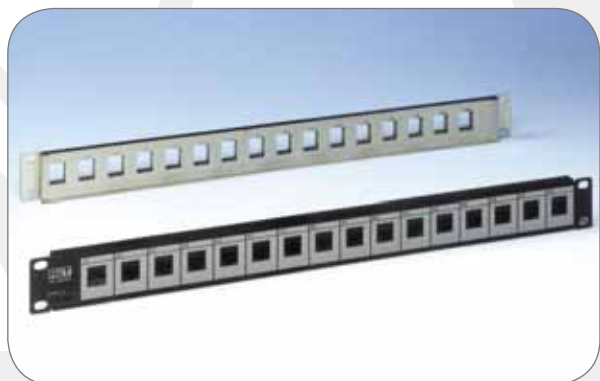
Patch Panels for Copper Cabling

FEATURES

- Modular design, models accommodate up to 24 UTP keystone-type jacks in 1U
- Simple assembly and installation, jacks are terminated separately and then mounted onto the panel
- Models incorporating RiT CLASSix Jacks conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Models incorporating RiT Giga Jacks conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Different jacks may be mixed on the same panel
- PatchView and non-PatchView options

Part Number	Description
R3735081	Keystone Panel, UTP, 24
R3260080	SMART Keystone Panel, UTP, 24, PVMMax

Modular Keystone 16 Patch Panels

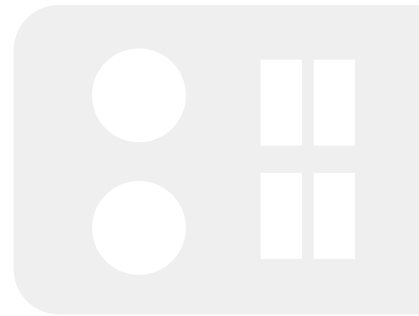
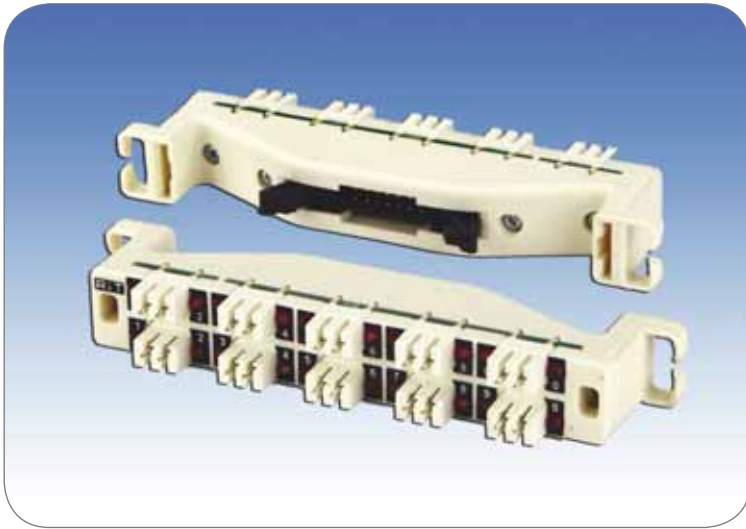


FEATURES

- Modular design, models accommodate up to 16 snap-on keystone-type jacks in 1U
- Simple assembly and installation, jacks are terminated separately and then mounted onto the panel
- Models incorporating RiT CLASSix Jacks conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Models incorporating RiT Giga Jacks conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Different jacks may be mixed on the same panel

Part Number	Description
R3735072	Keystone Panel, 16, STP
R3735073	Keystone Panel, 16, UTP

SMART Voice Blocks



2.1

Patch Panels for Copper Cabling

FEATURES

- The only managed solution for telephony blocks
- Offer the ability to scan and monitor multi-pair voice cabling
- Termination using standard Krone Block termination tool
- Compatible with standard plastic insulated copper conductors

Part Number	Description
R3286111	SMART Voice Block, 20, Krone
R3286113	SMART Voice Block, 16, Krone

Accessories for Copper Cabling Connecting Hardware

Assembly Fixture

- Designed to support a Patch Panel during installation
- Constructed of two separate holding brackets
- Compact and can be easily stowed in a toolbox



Part Number	Description
R3805000	Assembly Fixture

Patch Cord Organizers

Patch Cord Organizers can be used with all types of Patch Panels and Rack Mount products. They mount on standard 19" racks or cabinets and provide a simple, orderly means of organizing patch cords. The integral brackets, available in both 102mm and 55mm depths, are split in front to allow cables and cords to be easily inserted or removed, without having to be threaded through a closed bracket. Organizers are available in 1U and 2U sizes.



Part Number	Description
R3735061	Patch Cord Organizer, 102mm, 1U
R3735062	Patch Cord Organizer, 102mm, 2U
R3735066	Patch Cord Organizer, 55mm, 1U
R3735067	Patch Cord Organizer, 55mm, 2U

Cable Organizer with Brush

The Cable Organizer with Brush is designed to organize and manage cables extending from the rear of the cabinet, such as from the back of Patch Panels, and connecting to the front of networking equipment, such as a hub. Compact in size, only 1U, this organizer features a central opening with brush-like hairs which keep dust and particles from entering the rack. Two side brackets are used for cable routing. The brackets are split in front to allow cables and cords to be easily inserted or removed, without having to be threaded through a closed bracket.



Part Number	Description
R3735065	Patch Cord Organizer, 1U, Brush

Vertical Patch Cord Organizer

Vertical Patch Cord Organizers can be mounted on the frame of racks and cabinets, providing an orderly means of vertically running cables and cords.



Part Number	Description
R3735060	Vertical Patch Cord Organizer (Packaged two per polybag)

110 Block Termination Tool

The 110 Block Termination Tool terminates 22 to 26 AWG wires on 110 Blocks. The tool is spring-loaded and fully adjustable.



Part Number	Description
R3735011	110 Block Termination Tool

Krone Block Termination Tool

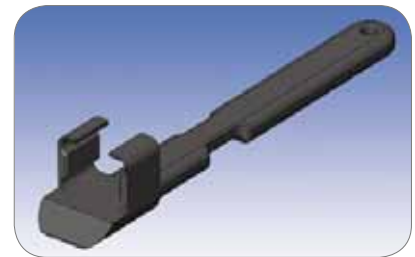
The Krone Block Termination Tool terminates 22 to 26 AWG wires on all LSA-PLUS block models. The tool is spring loaded and has an integrated extractor hook and screwdriver.



Part Number	Description
R3735010	Krone Block Termination Tool

Extraction Tool - CLASSix UTP Plug

The Extraction Tool is especially designed for RiT CLASSix UTP Plug in order to ease the disconnection of patch cords or SMART Jumpers in a high-density environment.



Part Number	Description
R3228007	Extraction Tool - CLASSix UTP Plug

Cable Ties Kit

These cable ties are recommended for securing cables to anchors on RiT's Patch Panels.



Part Number	Description
R3735020	Cable Ties Kit (50 pcs)

Communication Outlets for Copper Cabling



RIT offers a full range of communication outlets, meeting premise wiring standards for North America, Latin America, Europe, Asia and Africa. SMARTen models feature Category 6A performance for 10 Giga, advanced SMART CLASSix models feature Category 6 performance and SMART Giga models feature Enhanced Category 5 performance.

Communication outlets for copper cabling are available in shielded and unshielded designs. This comprehensive line includes surface mount designs, external wall boxes and a variety of keystone-type outlets.

Section 2.2

SMARTen Communication Outlets (Category 6A)

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CLASSix Communication Outlets (Category 6)

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Additional Products

American Keystone-Type Faceplates	64
European Keystone-Type Wall Outlets	65

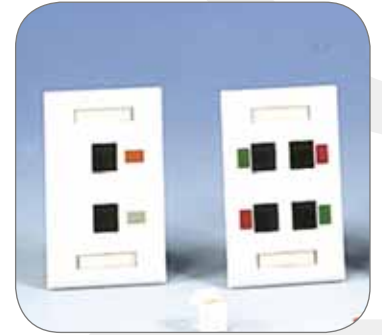
SMARTen UTP Communication Outlets

SMARTen
WARRANTY



American Keystone-Type Wall Outlets

- American Keystone-type faceplates are available in 2 and 4 port configurations
- Faceplate jack openings comply with IEC 603-7 and FCC 68.500 standards
- Blank port inserts are available
- Faceplates include write-on identification labels and spaces for optional snap-in color service identification tabs, for easy identification of ports



Part Number	Description
American Keystone-Type Faceplates	
R3010220	American Keystone-type Faceplate - 2 ports
R3010240	American Keystone-type Faceplate - 4 ports

German Keystone-Type Wall Outlets

- Available in both external wall box and faceplate configurations
- Standard 50mm x 50mm openings
- A variety of inserts including: 50 x 50 single-port, 25 x 50 single-port and 25 x 50 blank
- Jack openings feature shutters for dust protection, IEC 603-7 and FCC 68.500 standards



Part Number	Description
R3010400	German Keystone-type Faceplates, White
R3011410	External Wall Box, White
R3010510	50 x 50 Insert, 1-Port, White
R3010810	25 x 50 Insert, 1-Port, White
R3010800	25 x 50 Insert, Blank, White

2.2

Communication Outlets for Copper Cabling

SMARTen Modular Keystone

- FCC and IEC compliant
- Compact design
- Simple labor-saving termination using standard 110 Block termination tool
- Support solid or stranded 23-26 AWG wires
- Simple assembly and installation for reliable performance
- Protective strain relief caps
- The combination of the outlets and the High performance CLASSix Keystone conforms to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A

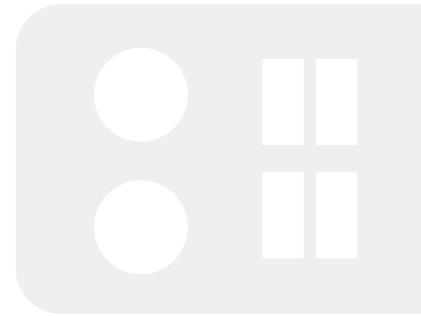


Part Number	Description
R3010392	CLASSix Keystone Jack UTP

Double6A STP Communication Outlets

SMARTen
WARRANTY

6A



2.2

FEATURES

- A universal inter-connection module, fits standard wall boxes in many countries
- Special angled port design reduces cable tension and strain, and greatly enhances cable protection
- Conform to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A
- Fully shielded models with Krone Blocks
- Simple assembly and installation for reliable performance
- Complete EMI/RFI protection in shielded models

Part Number	Description
R3380113	Double6A Module, 1-Port, STP, B&K
R3380213	Double6A Module, 2-Ports, STP, B&K

Double6 Communication Outlets



FEATURES

- A universal inter-connection module, fits standard wall boxes in many countries
- Special angled port design reduces cable tension and strain, and greatly enhances cable protection
- High performance modules that support Category 6 performance specifications up to 250 MHz
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Fully shielded or unshielded option with Krone Blocks
- Unshielded option with 110 Blocks
- Simple assembly and installation for reliable performance
- Complete EMI/RFI protection in shielded models

Part Number	Description
R3180100	Double6 Module, 1-Port, UTP, Krone
R3180101	Double6 Module, 1-Port, UTP, 110
R3180110	Double6 Module, 1-Port, STP, Krone
R3180200	Double6 Module, 2-Ports, UTP, Krone
R3180201	Double6 Module, 2-Ports, UTP, 110
R3180210	Double6 Module, 2-Ports, STP, Krone
R3187100	Double6 Faceplate, 1-Port, UTP, Krone, White
R3187101	Double6 Faceplate, 1-Port, UTP, 110, White
R3187110	Double6 Faceplate, 1-Port, STP, Krone, White

Part Number	Description
R3187200	Double6 Faceplate, 2-Ports, UTP, Krone, White
R3187201	Double6 Faceplate, 2-Ports, UTP, 110, White
R3187210	Double6 Faceplate, 2-Ports, STP, Krone, White
R3188100	Double6 Wall Box, 1-Port, UTP, Krone, White
R3188101	Double6 Wall Box, 1-Port, UTP, 110, White
R3188110	Double6 Wall Box, 1-Port, STP, Krone, White
R3188200	Double6 Wall Box, 2-Ports, UTP, Krone, White
R3188201	Double6 Wall Box, 2-Ports, UTP, 110, White
R3188210	Double6 Wall Box, 2-Ports, STP, Krone, White

2.2

Communication Outlets for Copper Cabling

CLASSix Keystone Jack UTP



FEATURES

- FCC and IEC compliant
- Compact design
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Simple labor-saving termination using standard 110 Block termination tool
- Supports solid or stranded 23-26 AWG wires
- Simple assembly and installation for reliable performance
- Compatible with a variety of international faceplates and patch panels, as per IEC 60603-7 (603-7)
- Protective strain relief caps

Part Number	Description
R3010392	CLASSix Keystone Jack, UTP, 110, 568 A+B, Black

CLASSix Keystone Tool-Less Jacks



2.2

FEATURES

- FCC and IEC compliant
- STP and UTP designs
- Tool-less termination for UTP & STP models
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd Edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Simple assembly and installation for reliable performance
- Compatible with a variety of international faceplates and patch panels, as per IEC 60603-7 (603-7)

Part Number	Description
R3010352	CLASSix Keystone Modular Jack, UTP, Tool-Less, 568 A+B, Black
R3010362	CLASSix Keystone Modular Jack, STP, Tool-Less, 568 A+B, Black

CLASSix Flash Communication Outlets

SMART
CLASSix
WARRANTY



FEATURES

- Low profile, surface mount design
- 2, 4 and 6 UTP models
- Vertical drop cable entry dramatically reduces cable tension and strain, and enhances cable protection
- Snap-on cover, no visible screws
- Spring-loaded shutters
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Tool-Less termination
- Class-1 Clean Room models

Part Number	Description
R3900200	CLASSix Flash, 2-Ports, UTP, Shutters, White
R3900210	CLASSix Flash, 2-Ports, UTP, White
R3900400	CLASSix Flash, 4-Ports, UTP, Shutters, White
R3900410	CLASSix Flash, 4-Ports, UTP, White
R3900600	CLASSix Flash, 6-Ports, UTP, Shutters, White
R3900610	CLASSix Flash, 6-Ports, UTP, White

Double5e Communication Outlets



2.2

Communication Outlets for Copper Cabling

FEATURES

- A wide range of outlet models, covering all modern LAN cabling applications
- A universal inter-connection module, fits standard wall boxes in many countries
- Special angled port design reduces cable tension and strain, and greatly enhances cable protection
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Fully shielded or unshielded module options
- Krone blocks or 110 blocks options
- Write-on identification label
- Simple assembly and installation for reliable performance
- Complete EMI/RFI protection in shielded models

Part Number	Description
R3760200	Double5e Module, 2-Port, UTP, Krone
R3760201	Double5e Module, 2-Port, UTP, 110
R3760210	Double5e Module, 2-Port, STP, Krone
R3167100	Double5e Faceplate, German, 1-Port, UTP, Krone, White
R3167101	Double5e Faceplate, German, 1-Port, UTP, 110, White
R3167110	Double5e Faceplate, German, 1-Port, STP, Krone, White
R3167111	Double5e Faceplate, German, 1-Port, STP, 110, White
R3167200	Double5e Faceplate, German, 2-Ports, UTP, Krone, White

Part Number	Description
R3167201	Double5e Faceplate, German, 2-Ports, UTP, 110, White
R3167210	Double5e Faceplate, German, 2-Ports, STP, Krone, White
R3167211	Double5e Faceplate, German, 2-Ports, STP, 110, White
R3168100	Double5e Wall Box, German, 1-Port, UTP, Krone, White
R3168101	Double5e Wall Box, German, 1-Port, UTP, 110, White
R3168110	Double5e Wall Box, German, 1-Port, STP, Krone, White
R3168111	Double5e Wall Box, German, 1-Port, STP, 110, White
R3168200	Double5e Wall Box, German, 2-Ports, UTP, Krone, White
R3168201	Double5e Wall Box, German, 2-Ports, UTP, 110, White
R3168210	Double5e Wall Box, German, 2-Ports, STP, Krone, White
R3168211	Double5e Wall Box, German, 2-Ports, STP, 110, White

GTP5e Communication Outlets



FEATURES

- Compact design, low profile
- Snap-on cover, no visible screws
- Simple assembly and installation for reliable performance
- Faceplate or external wall box models
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- 110 Block or Krone Block cable termination options
- GTP and UTP designs

Part Number	Description
R4211101	GTP5e Faceplate, 1-Port, UTP, 110, White
R4211102	GTP5e Faceplate, 1-Port, UTP, Krone, White
R4211111	GTP5e Faceplate, 1-Port, GTP, 110, White
R4211112	GTP5e Faceplate, 1-Port, GTP, Krone, White
R4211201	GTP5e Faceplate, 2-Ports, UTP, 110, White
R4211202	GTP5e Faceplate, 2-Ports, UTP, Krone, White
R4211211	GTP5e Faceplate, 2-Ports, GTP, 110, White
R4211212	GTP5e Faceplate, 2-Ports, GTP, Krone, White
R4212101	GTP5e Wall Box, 1-Port, UTP, 110, White
R4212102	GTP5e Wall Box, 1-Port, UTP, Krone, White
R4212111	GTP5e Wall Box, 1-Port, GTP, 110, White
R4212112	GTP5e Wall Box, 1-Port, GTP, Krone, White
R4212201	GTP5e Wall Box, 2-Ports, UTP, 110, White
R4212202	GTP5e Wall Box, 2-Ports, UTP, Krone, White
R4212211	GTP5e Wall Box, 2-Ports, GTP, 110, White
R4212212	GTP5e Wall Box, 2-Ports, GTP, Krone, White

Giga Modular Keystone Jacks



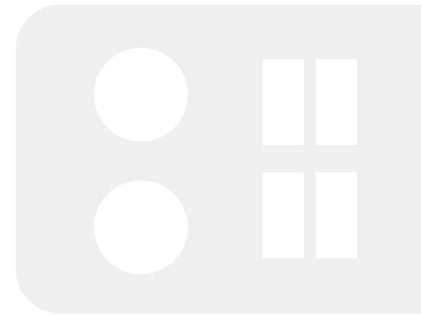
FEATURES

- FCC and IEC compliant
- Compact design
- Shielded and unshielded designs
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Universal block - 110 & Krone tool compatible
- Support solid or stranded 23-26 AWG wires
- Protective strain relief caps
- Strain relief for STP models
- Designed for high density applications
- Simple assembly and installation for reliable performance
- Compatible with a variety of international faceplates and patch panels, as per IEC 60603-7

Part Number	Description
R3010072	Giga Keystone Jack, UTP, B&K, 568A+B, Black
R3010082	Giga Keystone Jack, STP, B&K, 568A+B, Black

Giga Flash Communication Outlets

SMART
GIGA
WARRANTY



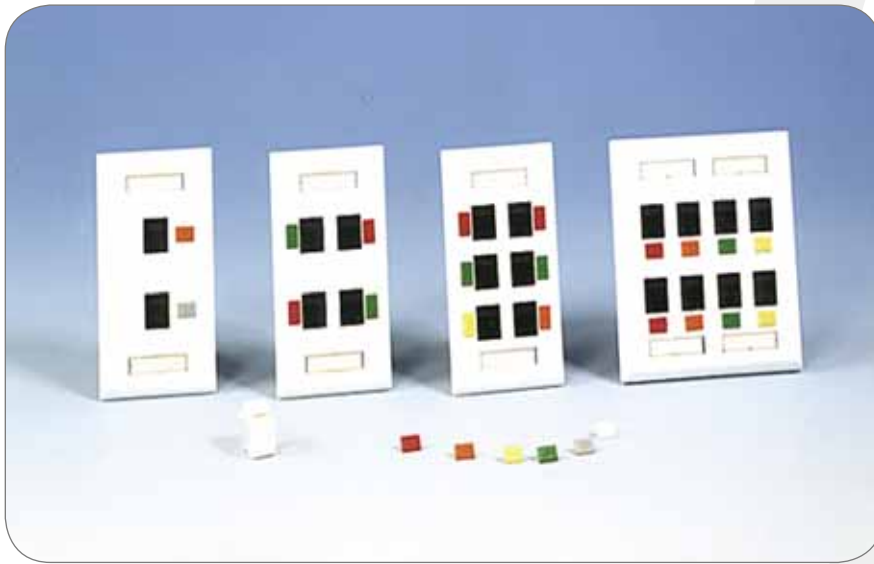
2.2

FEATURES

- Low profile, surface mount design
- 2, 4 and 6 UTP models
- Vertical drop cable entry dramatically reduces cable tension and strain, and enhances cable protection
- Snap-on cover, no visible screws
- Spring-loaded shutters
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- 110 Block or Krone Block cable termination options
- Breakaway sections on three sides as well as a hole in the back for cable (raceway) entry
- Class-1 Clean Room models

Part Number	Description
R4010010	Giga Flash Connection Module, UTP, Krone
R4010110	Giga Flash Connection Module, UTP, 110
R4011010	Giga Flash Connection Module, STP, Krone
R4011110	Giga Flash Connection Module, STP, 110
R4020000	Giga Flash, 2-Ports, UTP, Krone, Shutters, White
R4020010	Giga Flash, 2-Ports, UTP, Krone, White
R4020100	Giga Flash, 2-Ports, UTP, 110, Shutters, White
R4020110	Giga Flash, 2-Ports, UTP, 110, White
R4021000	Giga Flash, 2-Ports, STP, Krone, Shutters, White
R4021010	Giga Flash, 2-Ports, STP, Krone, White
R4021100	Giga Flash, 2-Ports, STP, 110, Shutters, White
R4021110	Giga Flash, 2-Ports, STP, 110, White
R4040000	Giga Flash, 4-Ports, UTP, Krone, Shutters, White
R4040010	Giga Flash, 4-Ports, UTP, Krone, White
R4040100	Giga Flash, 4-Ports, UTP, 110, Shutters, White
R4040110	Giga Flash, 4-Ports, UTP, 110, White
R4041000	Giga Flash, 4-Ports, STP, Krone, Shutters, White
R4041010	Giga Flash, 4-Ports, STP, Krone, White
R4041100	Giga Flash, 4-Ports, STP, 110, Shutters, White
R4041110	Giga Flash, 4-Ports, STP, 110, White
R4060000	Giga Flash, 6-Ports, UTP, Krone, Shutters, White
R4060010	Giga Flash, 6-Ports, UTP, Krone, White
R4060100	Giga Flash, 6-Ports, UTP, 110, Shutters, White
R4060110	Giga Flash, 6-Ports, UTP, 110, White
R4061000	Giga Flash, 6-Ports, STP, Krone, Shutters, White
R4061010	Giga Flash, 6-Ports, STP, Krone, White
R4061100	Giga Flash, 6-Ports, STP, 110, Shutters, White
R4061110	Giga Flash, 6-Ports, STP, 110, White

American Keystone-Type Faceplates



FEATURES

- American Keystone-type Faceplates are available in 2, 4, 6 and 8 port configurations
- Faceplate jack openings comply with IEC 603-7 and FCC 68.500 standards
- Blank port inserts are available
- Faceplates include write-on identification labels and spaces for optional snap-in color service identification tabs, for easy identification of ports

Part Number	Description
American Keystone-Type Faceplates	
R3010220	American Keystone-type Faceplate, 2 ports, White
R3010240	American Keystone-type Faceplate, 4 ports, White
R3010260	American Keystone-type Faceplate, 6 ports, White
R3010280	American Keystone-type Faceplate, 8 ports, White
R3010910	Blank Insert for American Keystone-type Faceplate, White
Snap-In Identification Icons	
R3010900	Snap-In Icon, White
R3010901	Snap-In Icon, Ivory
R3010902	Snap-In Icon, Red
R3010903	Snap-In Icon, Grey
R3010904	Snap-In Icon, Blue
R3010905	Snap-In Icon, Green
R3010906	Snap-In Icon, Yellow

European Keystone-Type Wall Outlets

German Keystone-Type Wall Outlets

- Available in both external wall box and faceplate configurations
- Standard 50mm x 50mm openings
- A variety of inserts including: 50 x 50 single-port, 25 x 50 single-port and 25 x 50 blank
- Jack openings feature shutters for dust protection, IEC 603-7 and FCC 68.500 standards



Note: for products suitable for your country, please consult your local RiT distributor or contact our Technical Support Department at techsupp@rit.co.il

Part Number	Description
R3010400	German Keystone-type Faceplate, White
R3011410	External Wall Box, White
R3010510	50 x 50 Insert, 1-Port, White
R3010810	25 x 50 Insert, 1-Port, White
R3010800	25 x 50 Insert, Blank, White

French Keystone-Type Wall Outlets

- Available in both external wall box and faceplate configurations
- Standard 45mm x 45mm openings
- A variety of inserts, including 45 x 45 single-port, 22.5 x 45 single-port and 22.5 x 45 blank
- Jack openings feature shutters for dust protection, complying with IEC 603-7 and FCC 68.500 standards



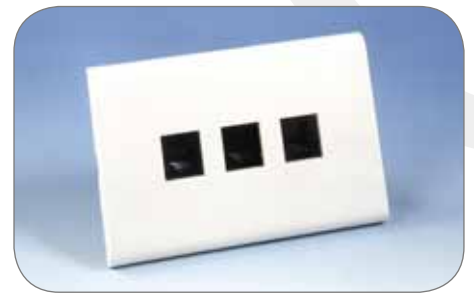
Note: for products suitable for your country, please consult your local RiT distributor or contact our Technical Support Department at techsupp@rit.co.il

Part Number	Description
R3011310	French Keystone-type Faceplate, White
R3011410	External Wall Box, White
R3011000	45 x 45 Insert, 1-Port, White
R3011100	22.5 x 45 Insert, 1-Port, White
R3011120	22.5 x 45 Insert, Blank, White

Italian Keystone-Type Wall Outlets

- Available in one model, configurable up to three ports
- Faceplates are supplied with break-away tabs over the ports to increase configuration flexibility
- Unused ports are protected from dust until needed
- Jack openings comply with IEC 603-7 and FCC 68.500 standards

Note: for products suitable for your country, please consult your local RIT distributor or contact our Technical Support Department at techsupp@rit.co.il



Part Number	Description
R3010630	Italian Keystone-type Faceplate, 3-Ports, White

Cables & Cords for Copper Cabling



When it comes to implementing physical network connectivity, RiT offers a variety of cables and patch cords. Choose from UTP, FTP, SFTP and STP horizontal cables and flexible patch cables.

RiT was one of the first companies to offer a full range of Category 6A SMARTen for 10 Giga, Category 6 CLASSix cables

and Enhanced Category 5 Giga cables, supporting protocols running at up to 1,000 Mbps, and Category 7 cables for STP environments.

Patch cords include RiT's unique SMART Jumpers™, which are designed for use with the PatchView real-time physical layer management system.

Section 2.3

Category 7 Cables

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SMARTen Cables (Category 6A)

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Patch Cords & SMART Jumpers

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Category 7 Cables

Category 7 600 MHz STP Horizontal Cable



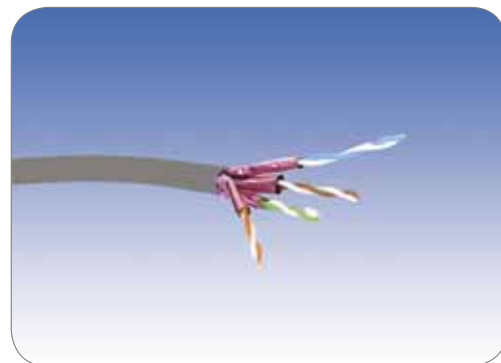
- 100 ohm, foiled and shielded horizontal cable
- Four individually foiled twisted pairs with an overall braid-shield
- High performance, designed to support protocols running at up to IEEE 802.3an 10Gbps, 1,000 Mbps, such as ATM 622 Mbps and Gigabit Ethernet
- Specified up to 600 MHz
- Conforms to Category 7 cables, specification as per IEC 61156-5 standard
- Halogen-free, flame-retardant (HFFR) or PVC jacket

Part Number	Description
R3729040	Category 7 STP Horizontal Cable, HFFR, 500m Reel
R3729041	Category 7 STP Horizontal Cable, HFFR, 1000m Reel
R3729140	Category 7 STP Horizontal Cable, PVC, 500m Reel
R3729141	Category 7 STP Horizontal Cable, PVC, 1000m Reel

SMARTen Cables

SMARTen U/FTP Un-Grounded Horizontal Cable

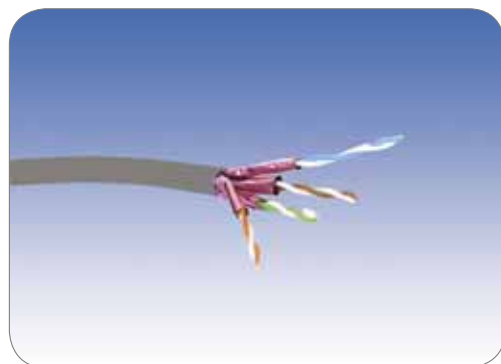
- 100 ohm, un-grounded screened horizontal cable
- Four individually twisted pairs wrapped with a polyester-aluminum foil, aluminum face inside
- High performance, supportable bandwidth up to 500 MHz according to IEEE 802.3an 10Gbps
- Conforms to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A
- Backward compatible with Category 5e and Category 6 cabling standards
- Low-smoke, Zero halogen (LSZH) or PVC jacket



Part Number	Description
R3726020	SMARTen U/FTP Un-Grounded Horizontal Cable, LSZH, 500m Reel
R3726120	SMARTen U/FTP Un-Grounded Horizontal Cable, PVC, 500m Reel

SMARTen U/FTP Un-Grounded Patch Cable

- 100 ohm, ungrounded screened patch cable
- Four individually twisted pairs wrapped with a polyester-aluminum foil, aluminum face inside
- High performance, supportable bandwidth up to 500 MHz according to IEEE 802.3an 10Gbps
- Specified up to 500 MHz
- Conforms to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A



Part Number	Description
R3266000	SMARTen U/FTP Un-Grounded Patch Cable, LSZH, 300m Reel

SMARTen STP Patch Cable

- 100 ohm, foiled and shielded patch cable
- Four individually foiled twisted pairs with an overall braid-shield
- High performance, supportable bandwidth up to 500 MHz according to IEEE 802.3an 10Gbps
- Specified up to 500 MHz
- Conforms to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A



Part Number	Description
R3268000	SMARTen STP Patch Cable, LSZH, 300m Reel

2.3

SMARTen U/FTP Un-Grounded Jumper Cable

- 100 ohm, ungrounded screened jumper cable
- Four individually twisted pairs wrapped with a polyester-aluminum foil, aluminum face inside, and an additional 26 AWG control wire at the center of the cable for PatchView applications
- High performance, supportable bandwidth up to 500 MHz according to IEEE 802.3an 10Gbps
- Specified up to 500 MHz
- Conforms to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A



Part Number	Description
R3265000	SMARTen U/FTP Un-Grounded Jumper Cable, LSZH, 300m Reel

SMARTen STP Jumper Cable

- 100 ohm, foiled and shielded jumper cable
- Four individually foiled twisted pairs and an additional 26 AWG control wire at the center of the cable for PatchView applications, with an overall braid-shield
- High performance, supportable bandwidth up to 500 MHz according to IEEE 802.3an 10Gbps
- Specified up to 500 MHz
- Conforms to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A

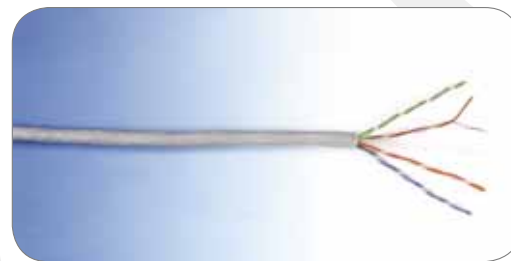


Part Number	Description
R3267000	SMARTen STP Jumper Cable, LSZH, 300m Reel

CLASSix Cables

CLASSix UTP Horizontal Cable

- 100 ohm, UTP horizontal cable
- Four twisted pairs
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps applications
- Specified up to 250 MHz
- Conforms to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Halogen-free, flame-retardant (HFFR) or PVC jacket
- Available in easy-pull, ready-to-use box



Part Number	Description
R3729070	CLASSix UTP Horizontal Cable, HFFR, 500m Reel
R3729071	CLASSix UTP Horizontal Cable, HFFR, 1000m Reel
R3729072	CLASSix UTP Horizontal Cable, HFFR, 305m Box
R3729170	CLASSix UTP Horizontal Cable, PVC, 500m Reel
R3729171	CLASSix UTP Horizontal Cable, PVC, 1000m Reel
R3729172	CLASSix UTP Horizontal Cable, PVC, 305m Box

CLASSix STP Horizontal Cable

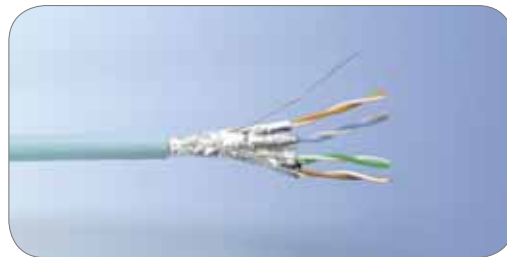
- 100 ohm, foiled and shielded horizontal cable
- Four individually foiled twisted pairs with an overall braid-shield
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps applications
- Specified up to 250 MHz
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Halogen-free, flame-retardant (HFFR) or PVC jacket



Part Number	Description
R3726000	CLASSix STP Horizontal Cable, HFFR, 500m Reel
R3726001	CLASSix STP Horizontal Cable, HFFR, 1,000m Reel
R3726100	CLASSix STP Horizontal Cable, PVC, 1,000m Reel
R3726101	CLASSix STP Horizontal Cable, PVC, 1,000m Reel

CLASSix U/FTP Horizontal Cable

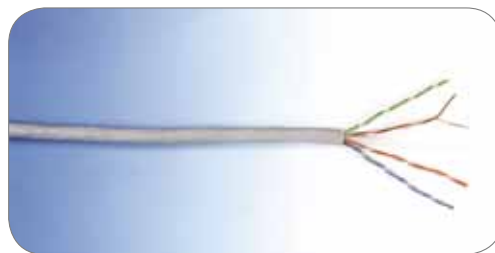
- 100 ohm, U/FTP horizontal cable
- Four individually foiled twisted pairs
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps applications
- Specified up to 250 MHz
- Conforms to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Halogen-free, flame-retardant (HFFR) or PVC jacket



Part Number	Description
R3729060	CLASSix U/FTP Horizontal Cable, HFFR, 500m Reel
R3729160	CLASSix U/FTP Horizontal Cable, PVC, 500m Reel

CLASSix UTP Patch Cable

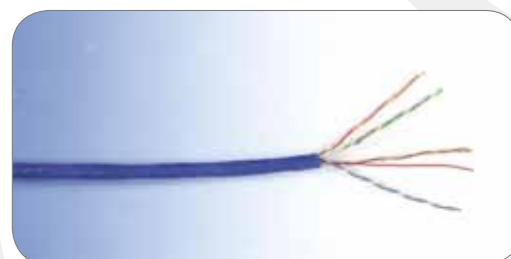
- 100 ohm, flexible, UTP patch cable
- Four twisted pairs
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps and future high-speed applications
- Specified up to 250 MHz
- Conforms to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E



Part Number	Description
R3229000	CLASSix UTP Patch Cable, PVC, 300m Reel

CLASSix UTP SMART Jumper Cable

- 100 ohm, flexible, UTP jumper cable
- Four twisted pairs with an additional 26 AWG control wire at the center of the cable for PatchView applications
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps and future high-speed applications
- Specified up to 250 MHz
- Conforms to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E



Part Number	Description
R3228000	CLASSix UTP SMART Jumper Cable, PVC, 300m Reel

CLASSix STP Patch Cable

- 100 ohm, foiled and shielded patch cable
- Four individually foiled twisted pairs with an overall braid-shield
- High performance, designed for ATM 622 Mbps, and Gigabit Ethernet 1,000 Mbps applications
- Conforms to ANSI/TIA/EIA - 568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E



Part Number	Description
R3257000	CLASSix STP Patch Cable, PVC, 300m Reel

CLASSix STP SMART Jumper Cable

- 100 ohm, foiled and shielded jumper cable
- Four individually foiled twisted pairs and an additional 26 AWG control wire at the center of the cable for PatchView applications, with an overall braid-shield
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps applications
- Specified up to 250 MHz
- Conforms to the ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E

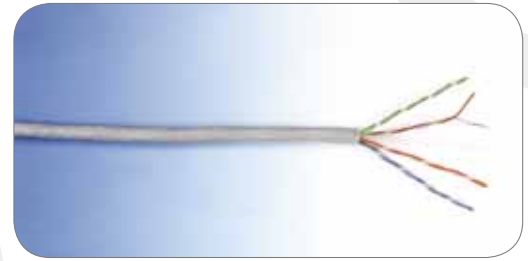


Part Number	Description
R3256000	CLASSix STP SMART Jumper Cable, PVC, 300m Reel

Giga Cables

Giga UTP Horizontal Cable

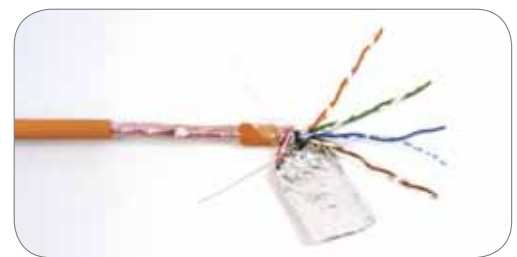
- 100 ohm, UTP horizontal cable
- Four twisted pairs
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps applications
- Specified up to 100 MHz
- Conforms to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Halogen-free, flame-retardant (HFFR) or PVC jacket
- Available in easy-pull, ready-to-use box



Part Number	Description
R3729050	Giga UTP Horizontal Cable, HFFR, 500m Reel
R3729051	Giga UTP Horizontal Cable, HFFR, 1,000m Reel
R3729052	Giga UTP Horizontal Cable, HFFR, 305m Box
R3729150	Giga UTP Horizontal Cable, PVC, 500m Reel
R3729151	Giga UTP Horizontal Cable, PVC, 1,000m Reel
R3729152	Giga UTP Horizontal Cable, PVC, 305m Box

Giga FTP Horizontal Cable

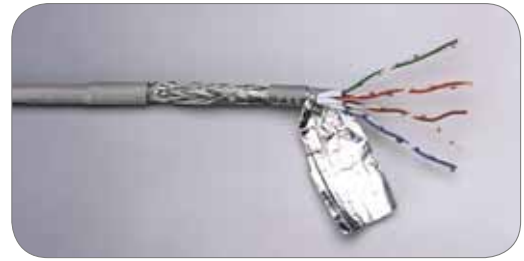
- 100 ohm, foiled horizontal cable
- Four twisted pairs
- Halogen-free, flame-retardant (HFFR) or PVC jacket
- Conforms to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Figure-8 construction available



Part Number	Description
R3727110	Giga FTP Horizontal Cable, Figure 8, PVC, 500m Reel
R3729010	Giga FTP Horizontal Cable, HFFR, 500m Reel
R3729011	Giga FTP Horizontal Cable, HFFR, 1,000m Reel
R3729110	Giga FTP Horizontal Cable, PVC, 500m Reel
R3729111	Giga FTP Horizontal Cable, PVC, 1,000m Reel
R3729112	Giga FTP Horizontal Cable, PVC, 305m Box

Giga SFTP Horizontal Cable

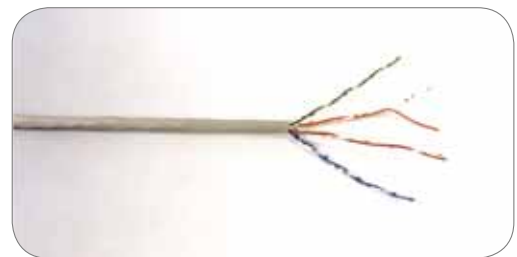
- 100 ohm, foiled and braid-shielded horizontal cable
- Four twisted pairs
- Halogen-free, flame-retardant (HFFR) or PVC jacket
- Conforms to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D
- Figure-8 construction available



Part Number	Description
R3727130	Giga SFTP Horizontal Cable, Figure 8, PVC, 500m Reel
R3729030	Giga SFTP Horizontal Cable, HFFR, 500m Reel
R3729031	Giga SFTP Horizontal Cable, HFFR, 1,000m Reel
R3729130	Giga SFTP Horizontal Cable, PVC, 500m Reel
R3729131	Giga SFTP Horizontal Cable, PVC, 1,000m Reel

Giga UTP Patch Cable

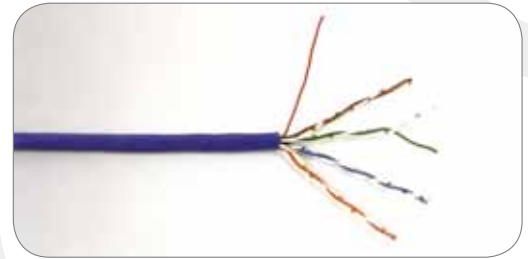
- 100 ohm, flexible, UTP patch cable
- Four twisted pairs
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps applications
- Specified up to 100 MHz
- Conforms to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D



Part Number	Description
R3208000	Giga UTP Patch Cable, PVC, 300m Reel

Giga UTP SMART Jumper Cable

- 100 ohm, flexible, UTP jumper cable
- Four twisted pairs and an additional 26 AWG control wire at the center of the cable for PatchView applications
- High performance, designed for ATM 622 Mbps and Gigabit Ethernet 1,000 Mbps applications
- Specified up to 100 MHz
- Conforms to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D



Part Number	Description
R3206000	Giga UTP SMART Jumper Cable, PVC, 300m Reel

Category 5 Cables

Category 5 UTP Vertical Cable - 25/50 Pair



- 100 ohm, vertical UTP cable
- 25/50 twisted pairs
- Conforms to ISO/IEC 11801 and ANSI/TIA/EIA-568-B-2, Category 5 requirements for backbone applications

Part Number	Description
R3728120	Category 5 UTP Vertical Cable, 25 Twisted Pairs, PVC, 500m Reel
R3728140	Category 5 UTP Vertical Cable, 50 Twisted Pairs, PVC, 500m Reel

Patch Cords & SMART Jumpers

SMARTen UTP & STP Patch Cords



- Patch Cords are used in the work area and cross-connect generic cabling applications
- Comprise a length of eight-wire flexible patch cable, terminated with two eight-position RJ-45 plugs at each end
- Patch Cords feature molded RJ-45 connectors for enhanced life and reliability
- Conform to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A
- 100% tested at the factory

Part Number	Description
R3266200	SMARTen UTP Patch Cord, Molded, 2.0m
R3266300	SMARTen UTP Patch Cord, Molded, 3.0m
R3266500	SMARTen UTP Patch Cord, Molded, 5.0m
R3268200	SMARTen STP Patch Cord, Molded, 2.0m
R3268300	SMARTen STP Patch Cord, Molded, 3.0m
R3268500	SMARTen STP Patch Cord, Molded, 5.0m

SMARTen UTP & STP SMART Jumpers



- SMART Jumpers are used in cross-connect PatchView applications
- Comprise a length of nine-wire flexible patch cable, terminated with two ten-position RJ-45 plugs at each end
- SMART Jumpers feature molded RJ-45 connectors for enhanced life and reliability
- Conform to ANSI/TIA/EIA-568-B.2-10, ISO/IEC 11801 2.1 edition and CENELEC EN50173 (200x) latest drafts for Category 6A/CLASS E_A
- 100% tested at the factory

Part Number	Description
R3265200	SMARTen UTP SMART Jumper, Molded, 2.0m
R3265300	SMARTen UTP SMART Jumper, Molded, 3.0m
R3265500	SMARTen UTP SMART Jumper, Molded, 5.0m
R3267200	SMARTen STP SMART Jumper, Molded, 2.0m
R3267300	SMARTen STP SMART Jumper, Molded, 3.0m
R3267500	SMARTen STP SMART Jumper, Molded, 5.0m

CLASSix UTP & STP Patch Cords



- Patch Cords are used in the work area and cross-connect generic cabling applications
- Comprise a length of eight-wire flexible patch cable, terminated with two eight-position RJ-45 plugs at each end
- Patch Cords feature molded RJ-45 connectors for enhanced life and reliability
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- 100% tested at the factory

2.3

Cables & Cords for Copper Cabling

Part Number	Description
R3229100	CLASSix UTP Patch Cord, Molded, 1.0m
R3229150	CLASSix UTP Patch Cord, Molded, 1.5m
R3229200	CLASSix UTP Patch Cord, Molded, 2.0m
R3229300	CLASSix UTP Patch Cord, Molded, 3.0m
R3229500	CLASSix UTP Patch Cord, Molded, 5.0m
R3257100	CLASSix STP Patch Cord, Molded, 1.0m
R3257150	CLASSix STP Patch Cord, Molded, 1.5m
R3257200	CLASSix STP Patch Cord, Molded, 2.0m
R3257300	CLASSix STP Patch Cord, Molded, 3.0m
R3257500	CLASSix STP Patch Cord, Molded, 5.0m

CLASSix UTP & STP SMART Jumpers



- SMART Jumpers are used in cross-connect PatchView applications
- Comprise a length of nine-wire flexible jumper cable, terminated with two ten-position RJ-45 plugs at the ends
- SMART Jumpers feature molded RJ-45 connectors for enhanced life and reliability
- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- 100% tested at the factory

Part Number	Description
R3228100	CLASSix UTP SMART Jumper Patch Cord, Molded, 1.0m
R3228150	CLASSix UTP SMART Jumper Patch Cord, Molded, 1.5m
R3228200	CLASSix UTP SMART Jumper Patch Cord, Molded, 2.0m
R3228300	CLASSix UTP SMART Jumper Patch Cord, Molded, 3.0m
R3228500	CLASSix UTP SMART Jumper Patch Cord, Molded, 5.0m
R3256100	CLASSix STP SMART Jumper Patch Cord, Molded, 1.0m
R3256150	CLASSix STP SMART Jumper Patch Cord, Molded, 1.5m
R3256200	CLASSix STP SMART Jumper Patch Cord, Molded, 2.0m
R3256300	CLASSix STP SMART Jumper Patch Cord, Molded, 3.0m
R3256500	CLASSix STP SMART Jumper Patch Cord, Molded, 5.0m

Giga UTP Patch Cords



- Patch Cords are used in work area, and cross-connect generic cabling applications
- Comprise a length of eight-wire flexible patch cable, terminated with two eight-position RJ-45 plugs at the ends
- Patch Cords feature molded RJ-45 connectors for enhanced life and reliability
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D

Part Number	Description
R3208100	Giga UTP Patch Cord, Molded, 1.0m
R3208150	Giga UTP Patch Cord, Molded, 1.5m
R3208200	Giga UTP Patch Cord, Molded, 2.0m
R3208300	Giga UTP Patch Cord, Molded, 3.0m
R3208500	Giga UTP Patch Cord, Molded, 5.0m

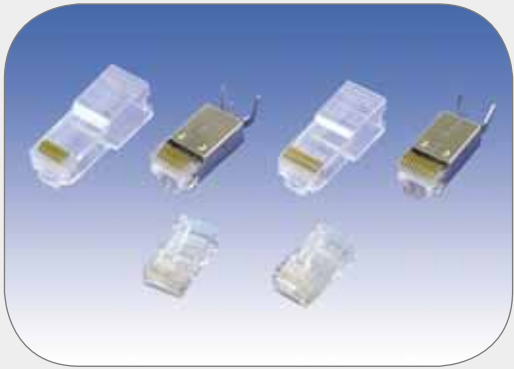
Giga UTP SMART Jumpers



- SMART Jumpers are used in cross-connect PatchView applications
- Comprise a length of nine-wire flexible jumper cable, terminated with two ten-position RJ-45 plugs at the ends
- SMART Jumpers feature molded RJ-45 connectors for enhanced life and reliability
- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D

Part Number	Description
R3206100	Giga UTP SMART Jumper Patch Cord, Molded, 1.0m
R3206150	Giga UTP SMART Jumper Patch Cord, Molded, 1.5m
R3206200	Giga UTP SMART Jumper Patch Cord, Molded, 2.0m
R3206300	Giga UTP SMART Jumper Patch Cord, Molded, 3.0m
R3206500	Giga UTP SMART Jumper Patch Cord, Molded, 5.0m

Connectors for Copper Cabling



RiT offers a line of RJ-45 plugs for UTP and STP modular systems. These are available in 8 or 10 contact arrangements, supporting SMARTen Category 6A, SMART CLASSix Category 6 and SMART Giga Enhanced Category 5 Cabling Systems.

Section 2.4

CLASSix Modular Plugs (RJ-RJ) _____	88
Giga Modular Plugs (RJ-RJ) _____	89

CLASSix Modular Plugs (RJ-45)



FEATURES

- Conform to ANSI/TIA/EIA-568-B.2-1, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 6/Class E
- Superior cable retention provides enhanced pull-strength, as well as preventing pair deformation
- Backwards compatible
- Interoperable

- Field terminatable
- IEC 60603-7 (603-7) compliant
- Accommodate termination of 24-26 AWG stranded conductors
- Accommodate termination of 24 AWG solid conductors
- Designed for ease of termination and assembly

Part Number	Description
R3228001	CLASSix RJ-45 Unshielded Plug ,10-Position
R3229001	CLASSix RJ-45 Unshielded Plug, 8-Position
R3256001	CLASSix RJ-45 Shielded Plug, 10-Position
R3257001	CLASSix RJ-45 Shielded Plug, 8-Position

Giga Modular Plugs (RJ-45)



FEATURES

- Conform to ANSI/TIA/EIA-568-B.2, ISO/IEC 11801 2nd edition (2002) and CENELEC EN50173 (2002) for Category 5e/Class D requirements
- IEC 60603-7 (603-7) compliant
- Available in both 8 and 10 contact arrangements
- Accommodate termination of 24-26 AWG stranded conductors
- Accommodate termination of 24 AWG solid conductors
- Designed for ease of termination and assembly

Part Number	Description
R3206001	Giga RJ-45 Unshielded Plug ,10-Position
R3208001	Giga RJ-45 Unshielded Plug, 8-Position

2.4

Connectors for Copper Cabling

Patch Panels for Fiber Optic Cabling



The RiT line of fiber optic Patch Panels, supporting both Single-Mode and Multi-Mode applications, offers 48, 24 and 12 fiber models. In addition, a complete line of accessories for securing, organizing and protecting fusion spliced fibers is available.

Selected Patch Panels are available with or without provisions for attachment to the PatchView management system.

Section 3.1

F/O Modular Patch Panels	94
F/O SC 24 Patch Panel	95
F/O ST 12 Patch Panels	96
SMART LC 48 Patch Panels	97
SMART MT-RJ 48 Patch Panels	98
SMART SC 48 Patch Panels	99
Accessories for Fiber Optic Patch Panels	100

F/O Modular Patch Panel



FEATURES

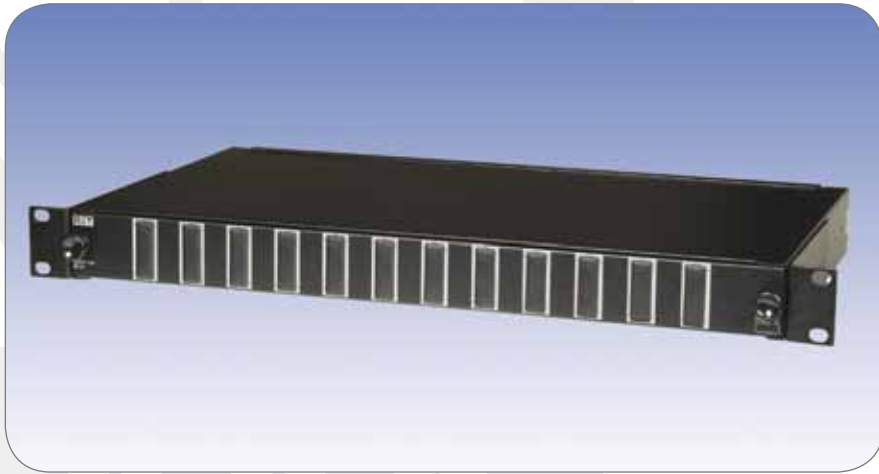
- Very high density, supports up to 24 duplex LC adapters (48 fibers), MT-RJ adapters (48 fibers) and simplex SC adapters (24 fibers) in 1U of Rack space
- Pullout drawer enables ease of access to the fiber
- Wide range of fiber optic cabling management accessories, including fiber management clip, splice cassettes, cable grounding kits, cable entry gland and more
- Single-Mode and Multi-Mode adapter available
- Configurable rack mounting brackets allow for recessed panel mounting, enhancing cable protection
- Large work area for comfortable installation
- Rear cable entry cutouts including one cable entry gland
- Unused adapter ports are covered by port caps

3.1

Patch Panels for Fiber Optic Cabling

Part Number	Description
R3196000	F/O Modular Panel, w/o adapters

F/O SC 24 Patch Panel



FEATURES

- Supports up to 12 duplex SC adapters (24 fibers) in 1U of Rack space
- Pullout drawer enables ease of access to the fiber
- Wide range of fiber optic cabling management accessories, including fiber management clip, splice cassettes, cable grounding kits, cable entry gland and more
- Single-Mode and Multi-Mode adapter available
- Configurable rack mounting brackets allow for recessed panel mounting, enhancing cable protection
- Large work area for comfortable installation
- Rear cable entry cutouts including one cable entry gland
- Unused adapter ports are covered by port caps

Part Number	Description
R3202400	F/O SC 24 Panel, w/o adapters

F/O ST 12 Patch Panels



FEATURES

- 12 pre-assembled simplex Single-Mode and Multi-Mode ST adapters
- Single cabinet construction, no moving parts
- Routing clips provide orderly cable storage and routing while maintaining minimum bend radius
- Optional top cover protects cables from accidental damage and dust
- Special angled adapter mountings and recessed front panel help protect against accidental damage
- Openings at the 19" bracket allow Patch Cord routing within the Rack for enhanced protection

3.1

Patch Panels for Fiber Optic Cabling

Part Number	Description
R3203050	F/O Panel, Simplex, ST-ST, 12, MM
R3203051	F/O Panel, Simplex, ST-ST, 12, SM
R3203150	F/O Panel, Simplex, ST-ST, 12, MM, Cover
R3203151	F/O Panel, Simplex, ST-ST, 12, SM, Cover

SMART LC 48 Patch Panels

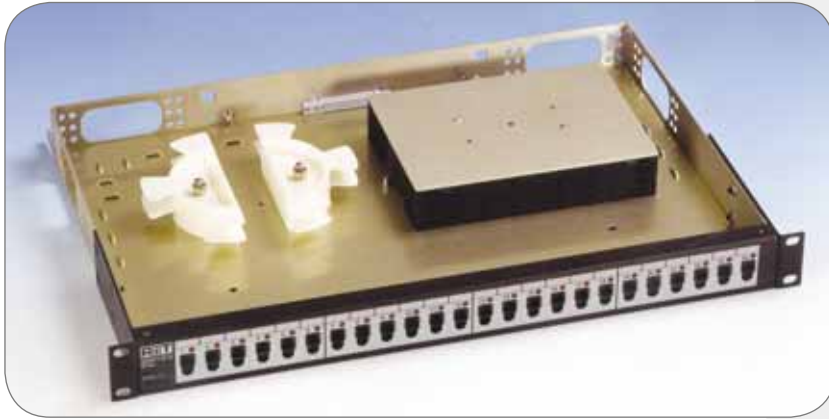


FEATURES

- Very high density, support 24 duplex LC adapters (48 fibers) in 1U of Rack space
- Pullout drawer enables ease of access to the fiber
- Wide range of fiber optic cabling management accessories, including fiber management clip, splice cassettes, cable grounding kits, cable entry gland and more
- Pre-assembled LC adapters
- Single-Mode and Multi-Mode adapter available
- Configurable rack mounting brackets allow for recessed panel mounting, enhancing cable protection
- Large work area for comfortable installation
- Rear cable entry cutouts including one cable entry gland
- Innovative SNMP real-time management of Patch Cord connections with RiT's PatchView system

Part Number	Description
R4197004	SMART F/O Panel, 48, LC, MM, PVMMax
R4197014	SMART F/O Panel, 48, LC, SM, PC, PVMMax

SMART MT-RJ 48 Patch Panels



FEATURES

- Very high density, support 24 duplex MT-RJ adapters (48 fibers) in 1U of rack space
- Wide range of fiber optic cabling management accessories, including routing rings, splice cassettes, cable grounding kits, cable entry panels and more
- Pre-assembled MT-RJ adapters
- Configurable rack mounting brackets allow for recessed panel mounting, enhancing cable protection
- Optional top cover protects cables from accidental damage and dust
- Large work area for comfortable installation
- Rear and side cable entries with provisions for cable-ties
- Innovative SNMP real-time management of Patch Cord connections with RiT's PatchView system

Part Number	Description
R3197001	SMART F/O Panel, 48, MT-RJ, PV
R3197011	SMART F/O Panel, 48, MT-RJ, Cover, PV

3.1

Patch Panels for Fiber Optic Cabling

SMART SC 48 Patch Panels



FEATURES

- Support 24 duplex adapters (48 fibers) in a 2U Rack space
- Wide range of fiber optic cabling management accessories, including fiber management clips, splice cassettes, cable grounding kits and more
- Pre-assembled SC to SC or SC to ST adapter options. Single-Mode or Multi-Mode adapters available.
- PC and precision APC adapters for Single-Mode applications
- Pull-out drawer enables ease of access to the fibers
- Configurable rack mounting brackets allow for recessed panel mounting, enhancing cable protection
- Large work area for comfortable installation
- Rear and side cable entries including one cable entry gland
- Innovative SNMP real-time management of Patch Cord connections with RiT's PatchView system

Part Number	Description
R3202300	SMART F/O Panel, 48, SC, w/o adapters
R3202310	SMART F/O Panel, 48, SC-SC, MM
R3202311	SMART F/O Panel, 48, SC-SC, MM, PV
R3202320	SMART F/O Panel, 48, SC-ST, MM
R3202321	SMART F/O Panel, 48, SC-ST, MM, PV
R3202330	SMART F/O Panel, 48, SC-SC, SM, PC
R3202331	SMART F/O Panel, 48, SC-SC, SM, PC, PV
R3202340	SMART F/O Panel, 48, SC-ST, SM, PC
R3202341	SMART F/O Panel, 48, SC-ST, SM, PC, PV
R3202350	SMART F/O Panel, 48, SC-SC, SM, APC
R3202351	SMART F/O Panel, 48, SC-SC, SM, APC, PV

Accessories for Fiber Optic Patch Panels

P/N	Description	F/O Modular Patch Panel	F/O SC 24	F/O ST 12	SMART LC 48	SMART MT-RJ 48	SMART SC 48
Accessories							
R3203010	Cable Routing Ring Kit (up to 48 fibers)					X	
R3203015	F/O Cable Ground Kit	X	X	X	X	X	X
R3203016	Cable Entry Panel Kit					X	
R3203020	Splice Cassette Kit	X	X	X	X	X	X
R3203021	Splice Cassette Expander	X	X	X	X	X	X
R3203023	Protection Sleeve Holder	X	X	X	X	X	X
R3203027	Fusion Protection Sleeve (100 units)	X	X	X	X	X	X
R3203034	Cable Entry Gland	X	X		X		X
R3203035	Fiber Management Clip	X	X		X		X
R3735020	Cable Ties Kit	X	X	X	X	X	X
Adapters							
R4198002	F/O Adapter, LC-LC, Duplex, MM	X					
R4200002	F/O Adapter, LC-LC, Duplex, SM, PC	X					
R4202002	F/O Adapter, MT-RJ	X					
R4203000	F/O Adapter, SC-SC, Duplex, MM		X				X
R4203001	F/O Adapter, ST-SC, Duplex, MM		X				X
R4203005	F/O Adapter, SC-SC, Duplex, SM, PC		X				X
R4203006	F/O Adapter, SC-SC, Duplex, SM, APC		X				X
R4203007	F/O Adapter, ST-SC, Duplex, SM, PC		X				X
R4203008	F/O Adapter, SC-SC, Simplex, MM	X					
R4203009	F/O Adapter, SC-SC, Simplex, SM, PC	X					

Communication Outlets for Fiber Optic Cabling



RIT offers a selection of communication outlets for fiber-to-the-desk applications. Models featuring LC, SC, ST and MT-RJ are available.

Section 3.2

Flash F/O Communication Outlets	102
German Style F/O Communication Outlets	103

Flash F/O Communication Outlets



FEATURES

- Low profile, surface mount design
- 2, 4 and 6 fiber models
- Models for LC, SC, ST or MT-RJ adapters
- Vertical drop cable entry dramatically reduces fiber optic cable tension and strain, and enhances cable protection
- Routing rings in 4 and 6 fiber models provide orderly cable storage and routing while maintaining minimum bend radius
- Snap-on cover, no visible screws
- Simple assembly and installation for reliable performance

3.2

Communication Outlets for Fiber Optic Cabling

Part Number	Description
R4120410	F/O Flash, 1-Duplex, LC-LC, White
R4120710	F/O Flash, 2-Simplex, ST-ST, White
R4120810	F/O Flash, 1-Duplex, SC-SC, White
R4120910	F/O Flash, 2-Duplex, MT-RJ, White
R4140710	F/O Flash, 4-Simplex, ST-ST, White
R4140810	F/O Flash, 2-Duplex, SC-SC, White
R4160710	F/O Flash, 6-Simplex, ST-ST, White
R4160810	F/O Flash, 3-Duplex, SC-SC, White

German Style F/O Communication Outlets



FEATURES

- Special angled port design reduces fiber optic cable tension and strain, and enhances cable protection
- External wall box configuration for excess fiber storage and for maintaining appropriate bend radius
- Models for SC or ST connectors
- Pre-mounted adapters

Part Number	Description
R3164205	F/O Communication Outlet 2-Simplex, ST, White
R3164207	F/O Communication Outlet 1-Duplex, SC, White

Cables & Cords for Fiber Optic Cabling



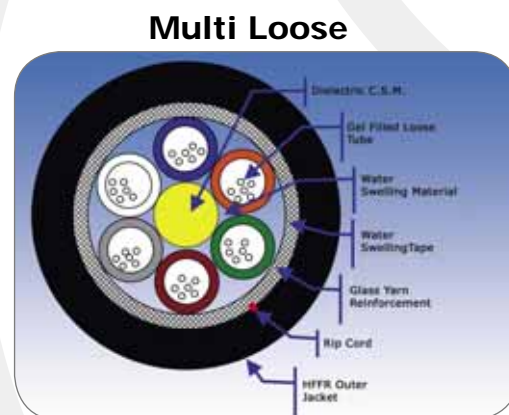
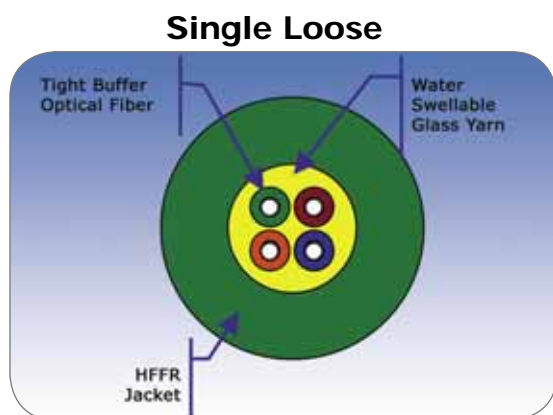
RiT carries a full line of outdoor and indoor fiber optic cables, supporting both Single-Mode and Multi-Mode applications. These are supplemented by a large selection of fiber optic cables, patch cords and pigtailed.

Section 3.3

F/O Glass Yarn Cable Single Loose Tube and Multi Loose Tube	106
F/O Dielectric Armoring Cable Single Loose Tube and Multi-Loose Tube	107
F/O Corrugated Steel Cable Single Loose Tube and Multi Loose Tube	109
Tight Buffer F/O Cables	111
SC Patch Cables	112
LC SMART Jumper Patch Cords	113
SC SMART Jumper Patch Cords	114
MT-RJ SMART Jumper Patch Cords	115
F/O Pigtailed and Patch Cords	116

F/O Glass Yarn Cable

Single Loose Tube and Multi Loose Tube



FEATURES

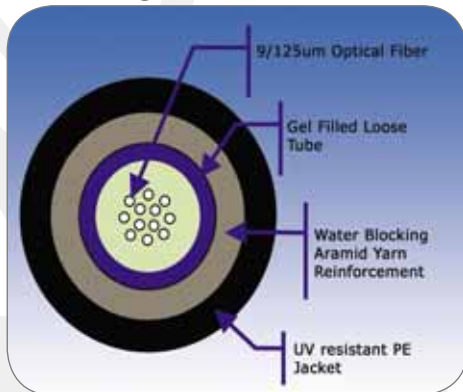
- Single Loose Tube: a compact loose tube cable contains a single loose tube with up to 12 fibers
- Multi Loose Tube: a loose tube cable with a dielectric central member contains up to 12 tubes, each tube contains up to 12 fibers
- Color coded fibers for easy identification
- Operating temperature range:
 - Single Loose Tube: -20°C - +70°C
 - Multi Loose Tube: -40°C - +70°C
- Water blocking thixotropic gel prevents ingress of water
- Dry water swelling glass yarn strengthens armoring and prevents water penetration
- Available with four fiber types - Single-Mode, Multi-Mode 50/125, Multi-Mode 50/125 OM3 and Multi-Mode 62.5/125

Part Number	Description
Single Loose Tube	
R2600040	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 4 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2600080	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 8 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2600120	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 12 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2601040	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 4 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2601080	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 8 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2601120	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 12 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2602040	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 4 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2602080	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 8 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2602120	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 12 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2603040	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 4 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2603080	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 8 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2603120	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 12 Fibers, Dry Water Blk, Glass Yarn, LSZH
Multi Loose Tube	
R2610240	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 24 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2611240	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 24 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2612240	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 24 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2613240	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 24 Fibers, Dry Water Blk, Glass Yarn, LSZH

F/O Dielectric Armoring Cable

Single Loose Tube and Multi Loose Tube

Single Loose Tube



Multi Loose Tube



FEATURES

- Single Loose Tube: a central loose tube cable with up to 12 optical fibers
- Multi Loose Tube: a loose tube cable with a dielectric central member containing up to 12 tubes, each containing up to 8 fibers
- Color coded fibers for easy identification
- Operating temperature range:
 - Single Loose Tube: -20°C - +70°C
 - Multi Loose Tube: -40°C - +70°C

- Water blocking thixotropic gel prevents ingress of water
- Dry water swelling glass yarn strengthens armoring and prevents water penetration
- Extra reinforcement strength members
- UV resistant, PE jacket
- Available with four fiber types - Single-Mode 9.3/125, Multi-Mode 50/125, Multi-Mode 50/125 OM3 and Multi-Mode 62.5/125

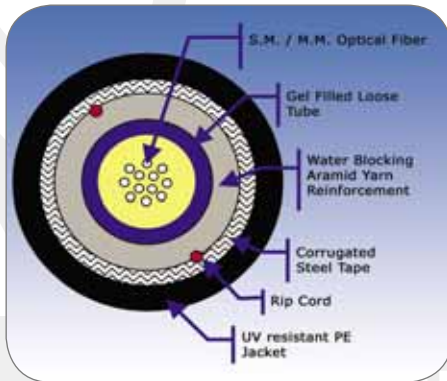
Part Number	Description
Single Loose Tube	
R2600041	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 4 Fibers, Dry Water Blk, Dielectric Armor, PE
R2600081	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 8 Fibers, Dry Water Blk, Dielectric Armor, PE
R2600121	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 12 Fibers, Dry Water Blk, Dielectric Armor, PE
R2601041	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 4 Fibers, Dry Water Blk, Dielectric Armor, PE
R2601081	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 8 Fibers, Dry Water Blk, Dielectric Armor, PE
R2601121	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 12 Fibers, Dry Water Blk, Dielectric Armor, PE
R2602041	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 4 Fibers, Dry Water Blk, Dielectric Armor, PE
R2602081	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 8 Fibers, Dry Water Blk, Dielectric Armor, PE
R2602121	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 12 Fibers, Dry Water Blk, Dielectric Armor, PE
R2603041	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 4 Fibers, Dry Water Blk, Dielectric Armor, PE
R2603081	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 8 Fibers, Dry Water Blk, Dielectric Armor, PE
R2603121	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 12 Fibers, Dry Water Blk, Dielectric Armor, PE

Part Number	Description
Multi Loose Tube	
R2610041	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 4 Fibers, Dry Water Blk, Dielectric Armor, PE
R2610081	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 8 Fibers, Dry Water Blk, Dielectric Armor, PE
R2610121	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 12 Fibers, Dry Water Blk, Dielectric Armor, PE
R2610241	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 24 Fibers, Dry Water Blk, Dielectric Armor, PE
R2611041	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 4 Fibers, Dry Water Blk, Dielectric Armor, PE
R2611081	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 8 Fibers, Dry Water Blk, Dielectric Armor, PE
R2611121	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 12 Fibers, Dry Water Blk, Dielectric Armor, PE
R2611241	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 24 Fibers, Dry Water Blk, Dielectric Armor, PE
R2612041	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 4 Fibers, Dry Water Blk, Dielectric Armor, PE
R2612081	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 8 Fibers, Dry Water Blk, Dielectric Armor, PE
R2612121	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 12 Fibers, Dry Water Blk, Dielectric Armor, PE
R2612241	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 24 Fibers, Dry Water Blk, Dielectric Armor, PE
R2613041	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 4 Fibers, Dry Water Blk, Dielectric Armor, PE
R2613081	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 8 Fibers, Dry Water Blk, Dielectric Armor, PE
R2613121	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 12 Fibers, Dry Water Blk, Dielectric Armor, PE
R2613241	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 24 Fibers, Dry Water Blk, Dielectric Armor, PE

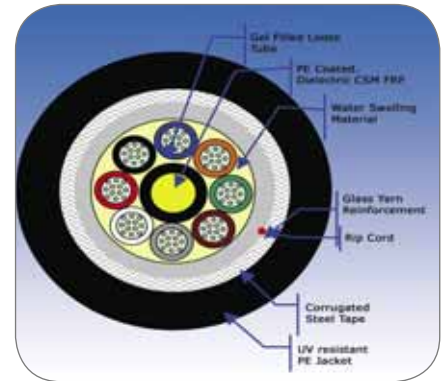
F/O Corrugated Steel Cable

Single Loose Tube and Multi Loose Tube

Single Loose Tube



Multi Loose Tube



FEATURES

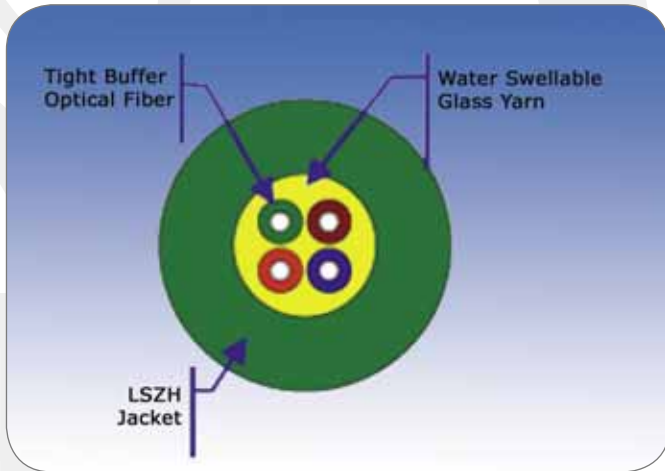
- Single Loose Tube: a central loose tube cable with up to 12 fibers
- Multi Loose Tube: a loose tube cable, with a dielectric central member. Contains up to 12 tubes, each tube contains up to 12 fibers
- Color coded fibers for easy identification
- Operating temperature range:
 Single Loose Tube: -20°C - +70°C
 Multi Loose Tube: -40°C - +70°C

- Water blocking thixotropic gel prevents ingress of water
- Dry water swelling glass yarn strengthens armoring and prevents water penetration
- Corrugated steel
- UV resistant, PE jacket
- Available with four fiber types - Single-Mode, Multi-Mode 50/125, Multi-Mode 50/125 OM3 and Multi-Mode 62.5/125

Part Number	Description
Single Loose Tube	
R2600042	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 4 Fibers, Dry Water Blk, Corrugated Steel, PE
R2600082	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 8 Fibers, Dry Water Blk, Corrugated Steel, PE
R2600122	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 62.5, 12 Fibers, Dry Water Blk, Corrugated Steel, PE
R2601042	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 4 Fibers, Dry Water Blk, Corrugated Steel, PE
R2601082	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 8 Fibers, Dry Water Blk, Corrugated Steel, PE
R2601122	Indoor-Outdoor F/O Cable, Single Loose Tube, SM, 12 Fibers, Dry Water Blk, Corrugated Steel, PE
R2602042	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 4 Fibers, Dry Water Blk, Corrugated Steel, PE
R2602082	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 8 Fibers, Dry Water Blk, Corrugated Steel, PE
R2602122	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, 12 Fibers, Dry Water Blk, Corrugated Steel, PE
R2603042	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 4 Fibers, Dry Water Blk, Corrugated Steel, PE
R2603082	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 8 Fibers, Dry Water Blk, Corrugated Steel, PE
R2603122	Indoor-Outdoor F/O Cable, Single Loose Tube, MM 50, OM3, 12 Fibers, Dry Water Blk, Corrugated Steel, PE

Part Number	Description
Multi Loose Tube	
R2610042	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 4 Fibers, Dry Water Blk, Corrugated Steel, PE
R2610082	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 8 Fibers, Dry Water Blk, Corrugated Steel, PE
R2610122	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 12 Fibers, Dry Water Blk, Corrugated Steel, PE
R2610242	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 62.5, 24 Fibers, Dry Water Blk, Corrugated Steel, PE
R2611042	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 4 Fibers, Dry Water Blk, Corrugated Steel, PE
R2611082	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 8 Fibers, Dry Water Blk, Corrugated Steel, PE
R2611122	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 12 Fibers, Dry Water Blk, Corrugated Steel, PE
R2611242	Indoor-Outdoor F/O Cable, Multi Loose Tube, SM, 24 Fibers, Dry Water Blk, Corrugated Steel, PE
R2612042	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 4 Fibers, Dry Water Blk, Corrugated Steel, PE
R2612082	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 8 Fibers, Dry Water Blk, Corrugated Steel, PE
R2612122	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 12 Fibers, Dry Water Blk, Corrugated Steel, PE
R2612242	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, 24 Fibers, Dry Water Blk, Corrugated Steel, PE
R2613042	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 4 Fibers, Dry Water Blk, Corrugated Steel, PE
R2613082	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 8 Fibers, Dry Water Blk, Corrugated Steel, PE
R2613122	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 12 Fibers, Dry Water Blk, Corrugated Steel, PE
R2613242	Indoor-Outdoor F/O Cable, Multi Loose Tube, MM 50, OM3, 24 Fibers, Dry Water Blk, Corrugated Steel, PE

Tight Buffer F/O Cables

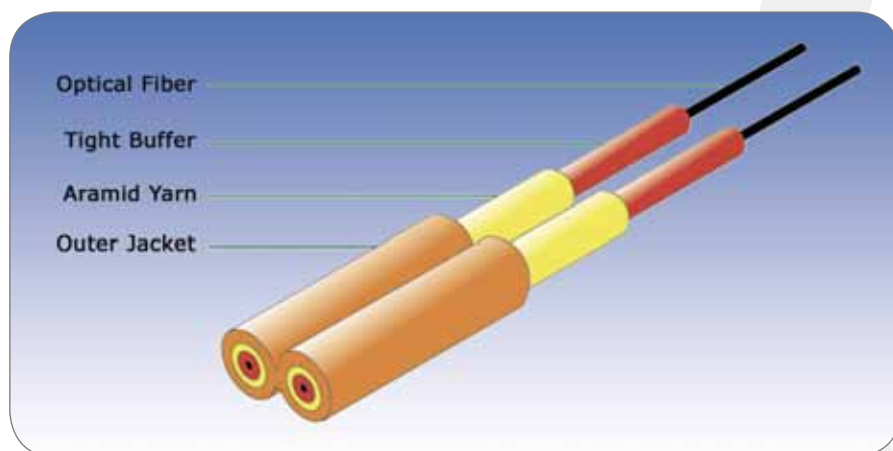


FEATURES

- 2 to 12 tight buffered fibers
- Each fiber is enclosed in a 0.9 mm tight buffer made of a thermoplastic polymer
- The tight buffers are color coded for easy identification
- Water swelling glass yarns are employed with the fibers to serve as peripheral strength members and to block the cable core from water penetration
- UV resistant, Low Smoke, Zero Halogen (LSZH) compound outer jacket is extruded over the cable core

Part Number	Description
R2620020	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 62.5, 2 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2620040	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 62.5, 4 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2620080	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 62.5, 8 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2620120	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 62.5, 12 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2622020	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 50, 2 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2622040	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 50, 4 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2622080	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 50, 8 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2622120	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 50, 12 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2623020	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 50, OM3, 2 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2623040	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 50, OM3, 4 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2623080	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 50, OM3, 8 Fibers, Dry Water Blk, Glass Yarn, LSZH
R2623120	Indoor-Outdoor F/O Cable, Single Tube, Tight Buffer, MM 50, OM3, 12 Fibers, Dry Water Blk, Glass Yarn, LSZH

SC Patch Cables



FEATURES

- Fiber optic duplex patch cables for indoor or protected environments
- Highly flexible, specially designed for patch cord applications
- Available with three fiber types - Single-Mode, Multi-Mode 50/125 OM3 and Multi-Mode 62.5/125
- Easy termination
- Aramid yarn reinforced jacket provides support and additional protection of fibers
- Individual fibers easily separated
- Conform to ANSI TIA/EIA-455 and IEC-794

3.3

Part Number	Description
R2300000	F/O Patch cable, SC, Duplex, MM 62.5, LSZH
R2300030	F/O Patch cable, SC, Duplex, SM, LSZH
R2300050	F/O Patch cable, SC, Duplex, MM 50, OM3, LSZH

LC SMART Jumper Patch Cords



FEATURES

- Designed for PatchView applications
- Comprise two 0.6 mm LSZH tight buffer fibers and an additional 28 AWG copper wire housed within a MiniZIP Triamese construction cable
- Available with three fiber types - Single-Mode, Multi-Mode 50/125 OM3 and Multi-Mode 62.5/125
- Multi-Mode models are colored ivory and Single-Mode models are colored blue

Part Number	Description
R4198010	F/O SMART Jumper Patch Cord, LC, SM, PC, 1m
R4198020	F/O SMART Jumper Patch Cord, LC, SM, PC, 2m
R4198030	F/O SMART Jumper Patch Cord, LC, SM, PC, 3m
R4198050	F/O SMART Jumper Patch Cord, LC, SM, PC, 5m
R4199010	F/O SMART Jumper Patch Cord, LC, MM50, OM3, 1m
R4199020	F/O SMART Jumper Patch Cord, LC, MM50, OM3, 2m
R4199030	F/O SMART Jumper Patch Cord, LC, MM50, OM3, 3m
R4199050	F/O SMART Jumper Patch Cord, LC, MM50, OM3, 5m
R4201010	F/O SMART Jumper Patch Cord, LC, MM62.5, 1m
R4201020	F/O SMART Jumper Patch Cord, LC, MM62.5, 2m
R4201030	F/O SMART Jumper Patch Cord, LC, MM62.5, 3m
R4201050	F/O SMART Jumper Patch Cord, LC, MM62.5, 5m

SC SMART Jumper Patch Cords



FEATURES

- Designed for PatchView applications
- Comprise two tight buffer fibers and an additional 26 AWG copper wire
- Available with three fiber types - Single-Mode, Multi-Mode 50/125 OM3 and Multi-Mode 62.5/125
- Multi-Mode models are colored ivory and Single-Mode models are colored blue

3.3

Part Number	Description
R3199100	F/O SMART Jumper Patch Cord, SC, SM, PC, 1m
R3199200	F/O SMART Jumper Patch Cord, SC, SM, PC, 2m
R3199300	F/O SMART Jumper Patch Cord, SC, SM, PC, 3m
R3199500	F/O SMART Jumper Patch Cord, SC, SM, PC, 5m
R3201100	F/O SMART Jumper Patch Cord, SC, MM62.5, 1m
R3201200	F/O SMART Jumper Patch Cord, SC, MM62.5, 2m
R3201300	F/O SMART Jumper Patch Cord, SC, MM62.5, 3m
R3201500	F/O SMART Jumper Patch Cord, SC, MM62.5, 5m
R3300100	F/O SMART Jumper Patch Cord, SC, MM50, OM3, 1m
R3300200	F/O SMART Jumper Patch Cord, SC, MM50, OM3, 2m
R3300300	F/O SMART Jumper Patch Cord, SC, MM50, OM3, 3m
R3300500	F/O SMART Jumper Patch Cord, SC, MM50, OM3, 5m

MT-RJ SMART Jumper Patch Cords



FEATURES

- Designed for PatchView applications
- Comprise two tight buffer fibers and an additional 26 AWG copper wire
- Available with three fiber types - Single-Mode, Multi-Mode 50/125 OM3 and Multi-Mode 62.5/125

Part Number	Description
R3195010	F/O SMART Jumper Patch Cord, MT-RJ, MM62.5, 1m
R3195020	F/O SMART Jumper Patch Cord, MT-RJ, MM62.5, 2m
R3195030	F/O SMART Jumper Patch Cord, MT-RJ, MM62.5, 3m
R3195050	F/O SMART Jumper Patch Cord, MT-RJ, MM62.5, 5m
R3195210	F/O SMART Jumper Patch Cord, MT-RJ, MM50, OM3, 1m
R3195220	F/O SMART Jumper Patch Cord, MT-RJ, MM50, OM3, 2m
R3195230	F/O SMART Jumper Patch Cord, MT-RJ, MM50, OM3, 3m
R3195250	F/O SMART Jumper Patch Cord, MT-RJ, MM50, OM3, 5m
R3195310	F/O SMART Jumper Patch Cord, MT-RJ, SM, PC, 1m
R3195320	F/O SMART Jumper Patch Cord, MT-RJ, SM, PC, 2m
R3195330	F/O SMART Jumper Patch Cord, MT-RJ, SM, PC, 3m
R3195350	F/O SMART Jumper Patch Cord, MT-RJ, SM, PC, 5m

F/O Pigtails and Patch Cords



FEATURES

- Pre-assembled and individually tested Pigtails and Patch Cords
- Simplex or Duplex Patch Cord construction
- High quality LC, SC, MT-RJ and ST connectors
- Available with three fiber types - Single-Mode, Multi-Mode 50/125 OM3 and Multi-Mode 62.5/125

3.3

Part Number	Description
LC Duplex Patch Cords	
R4191010	F/O Patch Cord, LC, Duplex, SM, PC, 1m
R4191020	F/O Patch Cord, LC, Duplex, SM, PC, 2m
R4191030	F/O Patch Cord, LC, Duplex, SM, PC, 3m
R4191050	F/O Patch Cord, LC, Duplex, SM, PC, 5m
R4192010	F/O Patch Cord, LC, Duplex, MM50, OM3, 1m
R4192020	F/O Patch Cord, LC, Duplex, MM50, OM3, 2m
R4192030	F/O Patch Cord, LC, Duplex, MM50, OM3, 3m
R4192050	F/O Patch Cord, LC, Duplex, MM50, OM3, 5m
R4194010	F/O Patch Cord, LC, Duplex, MM62.5, 1m
R4194020	F/O Patch Cord, LC, Duplex, MM62.5, 2m
R4194030	F/O Patch Cord, LC, Duplex, MM62.5, 3m
R4194050	F/O Patch Cord, LC, Duplex, MM62.5, 5m

Part Number	Description
LC Pigtailed	
R4204010	F/O Pigtail, LC, SM, PC, 1m
R4204020	F/O Pigtail, LC, SM, PC, 2m
R4204030	F/O Pigtail, LC, SM, PC, 3m
R4204050	F/O Pigtail, LC, SM, PC, 5m
R4205010	F/O Pigtail, LC, MM50, OM3, 1m
R4205020	F/O Pigtail, LC, MM50, OM3, 2m
R4205030	F/O Pigtail, LC, MM50, OM3, 3m
R4205050	F/O Pigtail, LC, MM50, OM3, 5m
R4207010	F/O Pigtail, LC, MM62.5, OM3, 1m
R4207020	F/O Pigtail, LC, MM62.5, OM3, 2m
R4207030	F/O Pigtail, LC, MM62.5, OM3, 3m
R4207050	F/O Pigtail, LC, MM62.5, OM3, 5m
SC Simplex Patch Cords	
R3213110	F/O Patch Cord, SC, Simplex, MM62.5, 1m
R3213120	F/O Patch Cord, SC, Simplex, MM62.5, 2m
R3213130	F/O Patch Cord, SC, Simplex, MM62.5, 3m
R3213150	F/O Patch Cord, SC, Simplex, MM62.5, 5m
R3233101	F/O Patch Cord, SC, Simplex, SM, PC, 1m
R3233102	F/O Patch Cord, SC, Simplex, SM, PC, 2m
R3233103	F/O Patch Cord, SC, Simplex, SM, PC, 3m
R3233105	F/O Patch Cord, SC, Simplex, SM, PC, 5m
R3323110	F/O Patch Cord, SC, Simplex, MM50, OM3, 1m
R3323120	F/O Patch Cord, SC, Simplex, MM50, OM3, 2m
R3323130	F/O Patch Cord, SC, Simplex, MM50, OM3, 3m
R3323150	F/O Patch Cord, SC, Simplex, MM50, OM3, 5m
SC Duplex Patch Cords	
R3214110	F/O Patch Cord, SC, Duplex, MM62.5, 1m
R3214120	F/O Patch Cord, SC, Duplex, MM62.5, 2m
R3214130	F/O Patch Cord, SC, Duplex, MM62.5, 3m
R3214150	F/O Patch Cord, SC, Duplex, MM62.5, 5m
R3234101	F/O Patch Cord, SC, Duplex, SM, PC, 1m
R3234102	F/O Patch Cord, SC, Duplex, SM, PC, 2m
R3234103	F/O Patch Cord, SC, Duplex, SM, PC, 3m
R3234105	F/O Patch Cord, SC, Duplex, SM, PC, 5m

Part Number	Description
R3324110	F/O Patch Cord, SC, Duplex, MM50, OM3, 1m
R3324120	F/O Patch Cord, SC, Duplex, MM50, OM3, 2m
R3324130	F/O Patch Cord, SC, Duplex, MM50, OM3, 3m
R3324150	F/O Patch Cord, SC, Duplex, MM50, OM3, 5m
SC Pigtailed	
R3216110	F/O Pigtail, SC, MM62.5, 1m
R3216120	F/O Pigtail, SC, MM62.5, 2m
R3216130	F/O Pigtail, SC, MM62.5, 3m
R3216150	F/O Pigtail, SC, MM62.5, 5m
R3236101	F/O Pigtail, SC, SM, PC, 1m
R3236102	F/O Pigtail, SC, SM, PC, 2m
R3236103	F/O Pigtail, SC, SM, PC, 3m
R3236105	F/O Pigtail, SC, SM, PC, 5m
R3326110	F/O Pigtail, SC, MM50, OM3, 1m
R3326120	F/O Pigtail, SC, MM50, OM3, 2m
R3326130	F/O Pigtail, SC, MM50, OM3, 3m
R3326150	F/O Pigtail, SC, MM50, OM3, 5m
MT-RJ Patch Cords	
R3194010	F/O Patch Cord, MT-RJ, MM62.5, 1m
R3194020	F/O Patch Cord, MT-RJ, MM62.5, 2m
R3194030	F/O Patch Cord, MT-RJ, MM62.5, 3m
R3194050	F/O Patch Cord, MT-RJ, MM62.5, 5m
R3194210	F/O Patch Cord, MT-RJ, MM50, OM3, 1m
R3194220	F/O Patch Cord, MT-RJ, MM50, OM3, 2m
R3194230	F/O Patch Cord, MT-RJ, MM50, OM3, 3m
R3194250	F/O Patch Cord, MT-RJ, MM50, OM3, 5m
R3194310	F/O Patch Cord, MT-RJ, SM, PC, 1m
R3194320	F/O Patch Cord, MT-RJ, SM, PC, 2m
R3194330	F/O Patch Cord, MT-RJ, SM, PC, 3m
R3194350	F/O Patch Cord, MT-RJ, SM, PC, 5m
MT-RJ Pigtailed	
R3192010	F/O Pigtail, MT-RJ, MM62.5, 1m
R3192020	F/O Pigtail, MT-RJ, MM62.5, 2m
R3192030	F/O Pigtail, MT-RJ, MM62.5, 3m
R3192050	F/O Pigtail, MT-RJ, MM62.5, 5m

Part Number	Description
R3192210	F/O Pigtail, MT-RJ, SM, PC, 1m
R3192220	F/O Pigtail, MT-RJ, SM, PC, 2m
R3192230	F/O Pigtail, MT-RJ, SM, PC, 3m
R3192250	F/O Pigtail, MT-RJ, SM, PC, 5m
R3192310	F/O Pigtail, MT-RJ, MM50, OM3, 1m
R3192320	F/O Pigtail, MT-RJ, MM50, OM3, 2m
R3192330	F/O Pigtail, MT-RJ, MM50, OM3, 3m
R3192350	F/O Pigtail, MT-RJ, MM50, OM3, 5m
ST Simplex Patch Cords	
R3213010	F/O Patch Cord, ST, Simplex, MM62.5, 1m
R3213020	F/O Patch Cord, ST, Simplex, MM62.5, 2m
R3213030	F/O Patch Cord, ST, Simplex, MM62.5, 3m
R3213050	F/O Patch Cord, ST, Simplex, MM62.5, 5m
R3233001	F/O Patch Cord, ST, Simplex, SM, PC, 1m
R3233002	F/O Patch Cord, ST, Simplex, SM, PC, 2m
R3233003	F/O Patch Cord, ST, Simplex, SM, PC, 3m
R3233005	F/O Patch Cord, ST, Simplex, SM, PC, 5m
R3323010	F/O Patch Cord, ST, Simplex, MM50, OM3, 1m
R3323020	F/O Patch Cord, ST, Simplex, MM50, OM3, 2m
R3323030	F/O Patch Cord, ST, Simplex, MM50, OM3, 3m
R3323050	F/O Patch Cord, ST, Simplex, MM50, OM3, 5m
ST Duplex Patch Cords	
R3214010	F/O Patch Cord, ST, Duplex, MM62.5, 1m
R3214020	F/O Patch Cord, ST, Duplex, MM62.5, 2m
R3214030	F/O Patch Cord, ST, Duplex, MM62.5, 3m
R3214050	F/O Patch Cord, ST, Duplex, MM62.5, 5m
R3234001	F/O Patch Cord, ST, Duplex, SM, PC, 1m
R3234002	F/O Patch Cord, ST, Duplex, SM, PC, 2m
R3234003	F/O Patch Cord, ST, Duplex, SM, PC, 3m
R3234005	F/O Patch Cord, ST, Duplex, SM, PC, 5m
R3324010	F/O Patch Cord, ST, Simplex, MM50, OM3, 1m
R3324020	F/O Patch Cord, ST, Simplex, MM50, OM3, 2m
R3324030	F/O Patch Cord, ST, Simplex, MM50, OM3, 3m
R3324050	F/O Patch Cord, ST, Simplex, MM50, OM3, 5m

Part Number	Description
ST Pigtails	
R3216010	F/O Pigtail, ST, MM62.5, 1m
R3216020	F/O Pigtail, ST, MM62.5, 2m
R3216030	F/O Pigtail, ST, MM62.5, 3m
R3216050	F/O Pigtail, ST, MM62.5, 5m
R3236001	F/O Pigtail, ST, SM, PC, 1m
R3236002	F/O Pigtail, ST, SM, PC, 2m
R3236003	F/O Pigtail, ST, SM, PC, 3m
R3236005	F/O Pigtail, ST, SM, PC, 5m
R3326010	F/O Pigtail, ST, MM50, OM3, 1m
R3326020	F/O Pigtail, ST, MM50, OM3, 2m
R3326030	F/O Pigtail, ST, MM50, OM3, 3m
R3326050	F/O Pigtail, ST, MM50, OM3, 5m
SC-LC Duplex Patch Cords	
R3214510	F/O Patch Cord, SC-LC, Duplex, MM62.5, 1m
R3214520	F/O Patch Cord, SC-LC, Duplex, MM62.5, 2m
R3214530	F/O Patch Cord, SC-LC, Duplex, MM62.5, 3m
R3214550	F/O Patch Cord, SC-LC, Duplex, MM62.5, 5m
R4510010	F/O Patch Cord, SC-LC, Duplex, SM, PC, 1m
R4510020	F/O Patch Cord, SC-LC, Duplex, SM, PC, 2m
R4510030	F/O Patch Cord, SC-LC, Duplex, SM, PC, 3m
R4510050	F/O Patch Cord, SC-LC, Duplex, SM, PC, 5m
R3324510	F/O Patch Cord, SC-LC, Duplex, MM50, OM3, 1m
R3324520	F/O Patch Cord, SC-LC, Duplex, MM50, OM3, 2m
R3324530	F/O Patch Cord, SC-LC, Duplex, MM50, OM3, 3m
R3324550	F/O Patch Cord, SC-LC, Duplex, MM50, OM3, 5m
SC-MT-RJ Duplex Patch Cords	
R3214410	F/O Patch Cord, SC- MT-RJ, Duplex, MM62.5, 1m
R3214420	F/O Patch Cord, SC- MT-RJ, Duplex, MM62.5, 2m
R3214430	F/O Patch Cord, SC- MT-RJ, Duplex, MM62.5, 3m
R3214450	F/O Patch Cord, SC- MT-RJ, Duplex, MM62.5, 5m
R3234401	F/O Patch Cord, SC- MT-RJ, Duplex, SM, PC, 1m
R3234402	F/O Patch Cord, SC- MT-RJ, Duplex, SM, PC, 2m
R3234403	F/O Patch Cord, SC- MT-RJ, Duplex, SM, PC, 3m
R3234405	F/O Patch Cord, SC- MT-RJ, Duplex, SM, PC, 5m

Part Number	Description
R3324410	F/O Patch Cord, SC- MT-RJ, Duplex, MM50, OM3, 1m
R3324420	F/O Patch Cord, SC- MT-RJ, Duplex, MM50, OM3, 2m
R3324430	F/O Patch Cord, SC- MT-RJ, Duplex, MM50, OM3, 3m
R3324450	F/O Patch Cord, SC- MT-RJ, Duplex, MM50, OM3, 5m
SC-ST Duplex Patch Cords	
R3214210	F/O Patch Cord, SC-ST, Duplex, MM62.5, 1m
R3214220	F/O Patch Cord, SC-ST, Duplex, MM62.5, 2m
R3214230	F/O Patch Cord, SC-ST, Duplex, MM62.5, 3m
R3214250	F/O Patch Cord, SC-ST, Duplex, MM62.5, 5m
R3234201	F/O Patch Cord, SC-ST, Duplex, SM, PC, 1m
R3234202	F/O Patch Cord, SC-ST, Duplex, SM, PC, 2m
R3234203	F/O Patch Cord, SC-ST, Duplex, SM, PC, 2m
R3234205	F/O Patch Cord, SC-ST, Duplex, SM, PC, 5m
R3324210	F/O Patch Cord, SC-ST, Duplex, MM50, OM3, 1m
R3324220	F/O Patch Cord, SC-ST, Duplex, MM50, OM3, 2m
R3324230	F/O Patch Cord, SC-ST, Duplex, MM50, OM3, 3m
R3324250	F/O Patch Cord, SC-ST, Duplex, MM50, OM3, 5m

Connectors and Adapters for Fiber Optic Cabling



RIT carries a complete line of fiber optic connectors and adapters. LC, SC and ST connectors and adapters are available in both Single-Mode and Multi-Mode configurations.

Section 3.4

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LC F/O Connectors & Adapters



FEATURES

- Small form Factor adapter – with a footprint of SC simplex adapter
- Conform to ANSI/TIA/EIA-568-C.3 standard specifications
- High connection density
- High performance Single-Mode and Multi-Mode adapters
- Push-pull coupling for easy insertion and high repeatability
- High system durability, stability and repeatability
- Snap-in locking element ensures high tensile strength
- Multi-Mode applications (sleeve type: Phosphor Bronze, color: Beige)
 - Insertion Loss < 0.25 dB typical
- OM 3 (sleeve type Zirconia, color: Aqua)
 - Insertion Loss < 0.25 dB typical
- Single-Mode applications (sleeve type Zirconia, color: Blue)
 - Insertion Loss < 0.15 dB typical
 - Return Loss > 28 dB typical

Part Number	Description
R4198002	F/O Adapter, LC-LC, Duplex, MM
R4200002	F/O Adapter, LC-LC, Duplex, SM, PC

SC F/O Connectors & Adapters



FEATURES

- High performance Single-Mode and Multi-Mode connectors and adapters
 - Push-pull coupling for easy insertion and high repeatability
 - Field installable
 - High termination yield
 - High system durability, stability and repeatability
 - Simplex or duplex connector models
 - Special SC duplex housing may be assembled at any time, even after simplex SC connectors have been terminated
- Precision adapters with rugged phosphor-bronze alignment sleeves
 - PC and precision APC ferrules for Single-Mode applications
 - PC ferrules:
 - Insertion Loss < 0.3 dB typical
 - Return Loss > 26 dB typical
 - APC ferrules:
 - Insertion Loss < 0.3 dB typical
 - Return Loss > 65 dB typical

Part Number	Description
Connectors	
R3200010	F/O Connector, SC, Simplex, MM
R3200014	F/O Connector, SC, Duplex, MM
R3203101	F/O Connector, SC, Simplex, SM, PC
R3203102	F/O Connector, SC, Duplex, SM, PC
R3203103	F/O Connector, SC, Simplex, SM, APC
R3203104	F/O Connector, SC, Duplex, SM, APC
Adapters	
R4203000	F/O Adapter, SC-SC, Duplex, MM
R4203005	F/O Adapter, SC-SC, Duplex, SM, PC
R4203006	F/O Adapter, SC-SC, Duplex, SM, APC
R4203008	F/O Adapter, SC-SC, Simplex, MM
R4203009	F/O Adapter, SC-SC, Simplex, SM, PC
R4203001	F/O Adapter, ST-SC, Duplex, MM
R4203007	F/O Adapter, ST-SC, Duplex, SM, PC

ST Fiber Optic Connectors & Adapters



FEATURES

- High repeatability and low attenuation
 - Field installable
 - Standard crimp kevlar retention
 - High performance Single-Mode and Multi-Mode connectors
- Low insertion loss:
 - Multi-Mode: < 0.34 dB typical
 - Single-Mode: < 0.15 dB typical

Part Number	Description
R3200110	F/O Connector, ST, Simplex, MM
R3203111	F/O Connector, ST, Simplex, SM, PC
R3203003	F/O Adapter, ST-ST, Simplex, MM
R3203008	F/O Adapter, ST-ST, Simplex, SM, PC

SMARTen Warranty

Definitions

RiT

RiT Technologies Ltd. 24 Raoul Wallenberg St., Tel-Aviv 69719, Israel
Tel: 972-3-6455151, Fax: 972-3-6474115

In the U.S.: RiT Technologies Ltd. by RiT Technologies Inc.
900 Corporate Drive, Mahwah, NJ 07430, Tel: (201) 512-1970,
Fax: (201) 512-1286

Certified Cabling Installer

A cabling installer certified by RiT to install and support RiT cabling products.

Registered Installation

An installation where registration forms have been completed by a Certified Cabling Installer and RiT has issued a Registered Installation Certificate and a registration number.

Effective Date

The date of the Registered Installation Certificate issued by RiT.

Warranty Period

Twenty years from the Effective Date.

SMARTen Components

The patch panels, communications outlets, cables and patch cords marked by a **C6A** icon.

Cabling System

Components used to constitute one or more end-to-end cable links consisting of a length of cable, one end terminated in a Patch Panel, and the other in a communications outlet or another Patch Panel.

One end of the link may have a patch cord. A Cabling System is defined as any number of such links.

SMARTen Cabling System

A Cabling System comprised exclusively of SMARTen Components, installed by a Certified Cabling Installer and qualified as a Registered Installation.

Beneficiary

The person or entity to whom the original RiT Registered Installation Certificate was issued. A new tenant or owner of an existing SMARTen Cabling System must apply for installation recertification and for a new Registered Installation Certificate.

Standards

ANSI/TIA/EIA-568-B.2-10 latest draft,

ISO/IEC 11801 2.1 edition

CENELEC EN50173 (200x) for Category 6A/CLASS E_A

ANSI - American National Standards Institute

TIA - Telecom Industries Association

EIA - Electrical Industries Association

ISO - International Standards Organization

IEC - International Electrotechnical Commission

Warranties

The Component Warranty

Any SMARTen Component included in a Registered Installation will be free from manufacturing defects in material and workmanship under normal and proper use.

The Performance Warranty

- Any SMARTen Component for copper cabling included in a Registered Installation of a SMARTen Cabling System will meet or exceed the electrical parameters stated in the above Standards.
- Any copper permanent link included in a Registered Installation of a SMARTen Cabling System will meet or exceed the electrical parameters stated in the above Standards, for permanent links and channels.
- Any copper permanent link included in a Registered Installation of a SMARTen Cabling System will be capable of delivering at least 10Gbps to the workstation.

The Application Warranty

Any SMARTen Cabling System will be free from failures which prevent any of the application(s) for which the SMARTen Cabling System installation was designed.

What RiT Will Do

RiT, or a RiT Certified Cabling Installer will repair or replace, at their discretion, defective SMARTen Components which violate the above warranties, with no charge to the Beneficiary.

Warranty Claim Procedure

- In the event of a system failure, the Beneficiary must rule out potential causes which are not related to the SMARTen Cabling System.
- After the problem has been isolated to the SMARTen Cabling System, the Beneficiary must have the installation inspected by a RiT Certified Cabling Installer, and complete a Warranty Claim form provided by RiT. Part of the form must be completed by the RiT Certified Cabling Installer who inspected the installation. The signed form should be forwarded to RiT.
- If according to the form, and in the sole opinion of RiT, there exists a valid Warranty claim, RiT will be responsible for the repair or replacement of the defective SMARTen Components.
- If after inspection, the problem is found to be the fault of something other than the SMARTen Cabling System, RiT and RiT's Certified Cabling Installer will invoice the Beneficiary for all related labor, travel expenses and normal personnel and equipment charges. By acceptance of the Registered Installation Certificate, the Beneficiary acknowledges an agreement to pay all charges considered to be normal industry charges for work completed in regards to processing the claim.

Limitations

This Warranty is given only to brand new SMARTen Components, installed according to RiT's specifications and instructions, and is valid only if all the following conditions are met:

- The Cabling System is a SMARTen Cabling System.
- All SMARTen Components are operated within their operational limits, as specified on the appropriate product manufacturer's datasheets, for the whole of the Warranty Period.
- This Warranty applies to the first installation of the SMARTen Components. Any alterations to the original Registered Installation of the SMARTen Cabling System, beyond normal customer interface, must be registered with RiT and a new Registered Installation Certificate must be issued by RiT. If any portion of the SMARTen Cabling System was altered without registration with RiT, this Warranty is void. RiT, at its discretion, retains the right to refuse to register a system it deems incorrectly designed or installed.

General

- RiT's liability under this Warranty is limited in all aspects to the value of goods supplied by RiT and in no event shall RiT be liable for special, indirect and/or consequential damages. The Beneficiary relies on his/her own skill and judgment as to the suitability of all goods offered and supplied for any particular purpose or for use under any specific conditions.
- Beneficiary's exclusive and RiT's entire liability arising from or in connection with the SMARTen Components, the SMARTen Cabling System and/or this Warranty for breach of warranty or arising from or in connection with the use or inability to use the SMARTen Components and/or the SMARTen Cabling System, whether in contract or in tort or otherwise shall be limited to the express remedies provided herein.
- This Warranty is in force as of its title date and will remain in force until amended by RiT, at its sole discretion. No notice of such amendment will be given. The Warranty version which applies to a specific SMARTen Component is the one which was in force at the Effective Date.
- This Warranty in all respects, shall be construed and operate as an Israeli contract and in conformity with Israeli Law.

CLASSix Warranty

Definitions

RiT

RiT Technologies Ltd. 24 Raoul Wallenberg St., Tel-Aviv 69719, Israel
Tel: 972-3-6455151, Fax: 972-3-6474115

In the U.S.: RiT Technologies Ltd. by RiT Technologies Inc.
900 Corporate Drive, Mahwah, NJ 07430, Tel: (201) 512-1970,
Fax: (201) 512-1286

Certified Cabling Installer

A cabling installer certified by RiT to install and support RiT cabling products.

Registered Installation

An installation where registration forms have been completed by a Certified Cabling Installer and RiT has issued a Registered Installation Certificate and a registration number.

Effective Date

The date of the Registered Installation Certificate issued by RiT.

Warranty Period

Twenty years from the Effective Date.

SMART CLASSix Components

The patch panels, communications outlets, cables and patch cords marked by a **C6** icon.

Cabling System

Components used to constitute one or more end-to-end cable links consisting of a length of cable, one end terminated in a Patch Panel, and the other in a communications outlet or another Patch Panel. One end of the link may have a patch cord. A Cabling System is defined as any number of such links.

SMART CLASSix Cabling System

A Cabling System comprised exclusively of SMART CLASSix Components, installed by a Certified Cabling Installer and qualified as a Registered Installation.

Beneficiary

The person or entity to whom the original RiT Registered Installation Certificate was issued. A new tenant or owner of an existing SMART CLASSix Cabling System must apply for installation recertification and for a new Registered Installation Certificate.

Standards

ANSI/TIA/EIA-568-B.2-1

Transmission performance specifications for 4-pairs 100 ohm Category 6 cabling

Requirements: Connecting Hardware, Cables, Patch cords, Permanent link & channel
ISO/IEC 11801 2nd edition

Information technology - Generic cabling for customer premises
Requirements: Connecting Hardware, Cables, Patch cords, Permanent link & channel

CENELEC EN 50173-1, 2002

Information technology - Generic cabling systems: General requirements and office areas

Requirements: Connecting Hardware, Cables, Patch cords, Permanent link & channel

ANSI - American National Standards Institute

TIA - Telecom Industries Association

EIA - Electrical Industries Association

ISO - International Standards Organization

IEC - International Electrotechnical Commission

Warranties

The Component Warranty

Any SMART CLASSix Component included in a Registered Installation will be free from manufacturing defects in material and workmanship under normal and proper use.

The Performance Warranty

- Any SMART CLASSix Component for copper cabling included in a Registered Installation of a SMART CLASSix Cabling System will meet or exceed the electrical parameters stated in the above Standards.
- Any copper permanent link included in a Registered Installation of a SMART CLASSix Cabling System will meet or exceed the electrical parameters stated in the above Standards, for permanent links and channels.
- Any copper permanent link included in a Registered Installation of a SMART CLASSix Cabling System will be capable of delivering at least 1Gbps to the workstation.

The Application Warranty

Any SMART CLASSix Cabling System will be free from failures which prevent any of the application(s) for which the SMART CLASSix Cabling System installation was designed.

What RiT Will Do

RiT, or a RiT Certified Cabling Installer will repair or replace, at their discretion, defective SMART CLASSix Components which violate the above warranties, with no charge to the Beneficiary.

Warranty Claim Procedure

- In the event of a system failure, the Beneficiary must rule out potential causes which are not related to the SMART CLASSix Cabling System.
- After the problem has been isolated to the SMART CLASSix Cabling System, the Beneficiary must have the installation inspected by a RiT Certified Cabling Installer, and complete a Warranty Claim form provided by RiT. Part of the form must be completed by the RiT Certified Cabling Installer who inspected the installation. The signed form should be forwarded to RiT.
- If according to the form, and in the sole opinion of RiT, there exists a valid Warranty claim, RiT will be responsible for the repair or replacement of the defective SMART CLASSix Components.
- If after inspection, the problem is found to be the fault of something other than the SMART CLASSix Cabling System, RiT and RiT's Certified Cabling Installer will invoice the Beneficiary for all related labor, travel expenses and normal personnel and equipment charges. By acceptance of the Registered Installation Certificate, the Beneficiary acknowledges an agreement to pay all charges considered to be normal industry charges for work completed in regards to processing the claim.

Limitations

This Warranty is given only to brand new SMART CLASSix Components, installed according to RiT's specifications and instructions, and is valid only if all the following conditions are met:

- The Cabling System is a SMART CLASSix Cabling System.
- All SMART CLASSix Components are operated within their operational limits, as specified on the appropriate product manufacturer's datasheets, for the whole of the Warranty Period.
- This Warranty applies to the first installation of the SMART CLASSix Components. Any alterations to the original Registered Installation of the SMART CLASSix Cabling System, beyond normal customer interface, must be registered with RiT and a new Registered Installation Certificate must be issued by RiT. If any portion of the SMART CLASSix Cabling System was altered without registration with RiT, this Warranty is void. RiT, at its discretion, retains the right to refuse to register a system it deems incorrectly designed or installed.

General

- RiT's liability under this Warranty is limited in all aspects to the value of goods supplied by RiT and in no event shall RiT be liable for special, indirect and/or consequential damages.
- The Beneficiary relies on his/her own skill and judgment as to the suitability of all goods offered and supplied for any particular purpose or for use under any specific conditions.
- Beneficiary's exclusive and RiT's entire liability arising from or in connection with the SMART CLASSix Components, the SMART CLASSix Cabling System and/or this Warranty for breach of warranty or arising from or in connection with the use or inability to use the SMART CLASSix Components and/or the SMART CLASSix Cabling System, whether in contract or in tort or otherwise shall be limited to the express remedies provided herein.
- This Warranty is in force as of its title date and will remain in force until amended by RiT, at its sole discretion. No notice of such amendment will be given. The Warranty version which applies to a specific SMART CLASSix Component is the one which was in force at the Effective Date.
- This Warranty in all respects, shall be construed and operate as an Israeli contract and in conformity with Israeli Law.

SMART Giga Warranty

Definitions

RiT Technologies Ltd. 24 Raoul Wallenberg St., Tel-Aviv 69719, Israel
Tel: 972-3-6455151, Fax: 972-3-6474115

In the U.S.: RiT Technologies Ltd. by RiT Technologies Inc.
900 Corporate Drive, Mahwah, NJ 07430, Tel: (201) 512-1970,
Fax: (201) 512-1286

Certified Cabling Installer

A cabling installer certified by RiT to install and support RiT cabling products.

Registered Installation

An installation where registration forms have been completed by a Certified Cabling Installer and RiT has issued a Registered Installation Certificate and a registration number.

Effective Date

the date of the Registered Installation Certificate issued by RiT.

Warranty Period

Twenty years from the Effective Date.

SMART Giga Components

The Patch Panels, communications outlets, cables and patch cords marked by a **C5e** icon.

Cabling System

Components used to constitute one or more end-to-end cable links consisting of a length of cable, one end terminated in a patch panel, and the other in a communications outlet or another patch panel. One end of the link may have a patch cord. A Cabling System is defined as any number of such links.

SMART Giga Cabling System

A Cabling System comprised exclusively of SMART Giga Components, installed by a Certified Cabling Installer and qualified as a Registered Installation.

Beneficiary

The person or entity to whom the original RiT Registered Installation Certificate was issued. A new tenant or owner of an existing SMART Giga Cabling System must apply for installation recertification and for a new Registered Installation Certificate.

Standards

ANSI/TIA/EIA-568-B1, B2

Commercial Building

Telecommunications Cabling Standard

ISO/IEC 11801 second edition

Generic Cabling for Customer Premises

EN 50173 second edition

Performance Requirements of Generic Cabling Schemes

ANSI - American National Standards Institute

TIA - Telecom Industries Association

EIA - Electrical Industries Association

ISO - International Standards Organization

IEC - International Electrotechnical Commission

Warranties

The Component Warranty

Any SMART Giga Component included in a Registered Installation will be free from manufacturing defects in material and workmanship under normal and proper use.

The Performance Warranty

- Any SMART Giga Component for copper cabling included in a Registered Installation of a SMART Giga Cabling System will meet or exceed the electrical parameters stated in the above Standards.
- Any copper permanent link included in a Registered Installation of a SMART Giga Cabling System will meet or exceed the electrical parameters stated in the above Standards, for permanent links and channels.
- Any copper permanent link included in a Registered Installation of a SMART Giga Cabling System will be capable of delivering at least 1Gbps to the workstation.

The Application Warranty

Any SMART Giga Cabling System will be free from failures which prevent any of the following applications for which the original SMART Giga Cabling System installation was designed.

What RiT Will Do

RiT, or a RiT Certified Cabling Installer will repair or replace, at their discretion, defective SMART Giga Components which violate the above warranties, with no charge to the Beneficiary.

Warranty Claim Procedure

- In the event of a system failure, the Beneficiary must rule out potential causes which are not related to the SMART Giga Cabling System.
- After the problem has been isolated to the SMART Giga Cabling System, the Beneficiary must have the installation inspected by a RiT Certified Cabling Installer, and complete a Warranty Claim form provided by RiT. Part of the form must be completed by the RiT Certified Cabling Installer who inspected the installation. The signed form should be forwarded to RiT.
- If according to the form, and in the sole opinion of RiT, there exists a valid Warranty claim, RiT will be responsible for the repair or replacement of the defective SMART Giga Components.
- If after inspection, the problem is found to be the fault of something other than the SMART Giga Cabling System, RiT and RiT's Certified Cabling Installer will invoice the Beneficiary for all related labor, travel expenses and normal personnel and equipment charges. By acceptance of the Registered Installation Certificate, the Beneficiary acknowledges an agreement to pay all charges considered to be normal industry charges for work completed in regards to processing the claim.

Limitations

This Warranty is given only to brand new SMART Giga Components, installed according to RiT's specifications and instructions, and is valid only if all the following conditions are met:

- The Cabling System is a SMART Giga Cabling System.
- All SMART Giga Components are operated within their operational limits, as specified on the appropriate product manufacturer's data sheets, for the whole of the Warranty Period.
- This Warranty applies to the first installation of the SMART Giga Components. Any alterations to the original Registered Installation of the SMART Giga Cabling System, beyond normal customer interface, must be registered with RiT and a new Registered Installation Certificate must be issued by RiT. If any portion of the SMART Giga Cabling System was altered without registration with RiT, this Warranty is void. RiT, at its discretion, retains the right to refuse to register a system it deems incorrectly designed or installed.

General

- RiT's liability under this Warranty is limited in all aspects to the value of goods supplied by RiT and in no event shall RiT be liable for special, indirect and/or consequential damages.
- The Beneficiary relies on his/her own skill and judgment as to the suitability of all goods offered and supplied for any particular purpose or for use under any specific conditions.
- Beneficiary's exclusive and RiT's entire liability arising from or in connection with the SMART Giga Components, the SMART Giga Cabling System and/or this Warranty for breach of warranty or arising from or in connection with the use or inability to use the SMART Giga Components and/or the SMART Giga Cabling System, whether in contract or in tort or otherwise shall be limited to the express remedies provided herein.
- This Warranty is in force as of its title date and will remain in force until amended by RiT, at its sole discretion. No notice of such amendment will be given. The Warranty version which applies to a specific SMART Giga Component is the one which was in force at the Effective Date.
- This Warranty in all respects, shall be construed and operate as an Israeli contract and in conformity with Israeli Law.

Fiber Optic Warranty

Definitions

RIT Technologies Ltd. 24 Raoul Wallenberg St., Tel-Aviv 69719, Israel
Tel: 972-3-6455151, Fax: 972-3-6474115

In the U.S.: RIT Technologies Ltd. by RIT Technologies Inc.
900 Corporate Drive, Mahwah, NJ 07430, Tel: (201) 512-1970,
Fax: (201) 512-1286

Certified Cabling Installer

A cabling installer certified by RIT to install and support RIT cabling products.

Registered Installation

An installation where registration forms have been completed by a Certified Cabling Installer and RIT has issued a Registered Installation Certificate and a registration number.

Effective Date

The date of the Registered Installation Certificate issued by RIT.

Warranty Period

Twenty years from the Effective Date.

SMART F/O Components

The Patch Panels, communications outlets, cables and patch cords marked by an **F/O** icon.

Cabling System

Components used to constitute one or more end-to-end cable links consisting of a length of cable, one end terminated in a patch panel, and the other in a communications outlet or another patch panel. One end of the link may have a patch cord. A Cabling System is defined as any number of such links.

SMART F/O Cabling System

A Cabling System comprised exclusively of SMART F/O Components, installed by a Certified Cabling Installer and qualified as a Registered Installation.

Beneficiary

The person or entity to whom the original RIT Registered Installation Certificate was issued. A new tenant or owner of an existing SMART F/O Cabling System must apply for installation recertification and for a new Registered Installation Certificate.

Standards

ANSI/TIA/EIA-568-B.3 and ANSI/TIA/EIA-568-B.1-3

Optical Fiber cabling components standard

Commercial Building Telecommunications Cabling Standard - Part 1:

General Requirements - Addendum 3 - Supportable Distances and

Channel Attenuation for Optical Fiber Applications by Fiber Type

ISO/IEC 11801 2nd edition

Information technology - Generic cabling for customer premises

CENELEC EN 50173-1, 2005

Information technology - Generic cabling systems: General

requirements and office areas

ANSI - American National Standards Institute

TIA - Telecom Industries Association

EIA - Electrical Industries Association

ISO - International Standards Organization

IEC - International Electrotechnical Commission

Warranties

The Component Warranty

Any SMART F/O Component included in a Registered Installation will be free from manufacturing defects in material and workmanship under normal and proper use.

The Performance Warranty

- Any SMART F/O Component for fiber optic cabling included in a Registered Installation of a SMART F/O Cabling System will meet or exceed the electrical parameters stated in the above Standards.
- Any fiber optic permanent link included in a Registered Installation of a SMART F/O Cabling System will meet or exceed the electrical parameters stated in the above Standards, for permanent links and channels.
- Any fiber optic permanent link included in a Registered Installation of a SMART F/O Cabling System will be capable of delivering at least 1Gbps to the workstation.

The Application Warranty

Any SMART F/O Cabling System will be free from failures which prevent any of the following applications: for which the original SMART F/O Cabling System installation was designed.

What RIT Will Do

RIT, or a RIT Certified Cabling Installer will repair or replace, at their discretion, defective SMART F/O Components which violate the above warranties, with no charge to the Beneficiary.

Warranty Claim Procedure

- In the event of a system failure, the Beneficiary must rule out potential causes which are not related to the SMART F/O Cabling System.
- After the problem has been isolated to the SMART F/O Cabling System, the Beneficiary must have the installation inspected by a RIT Certified Cabling Installer, and complete a Warranty Claim form provided by RIT. Part of the form must be completed by the RIT Certified Cabling Installer who inspected the installation. The signed form should be forwarded to RIT.
- If according to the form, and in the sole opinion of RIT, there exists a valid Warranty claim, RIT will be responsible for the repair or replacement of the defective SMART F/O Components.
- If after inspection, the problem is found to be the fault of something other than the SMART F/O Cabling System, RIT and RIT's Certified Cabling Installer will invoice the Beneficiary for all related labor, travel expenses and normal personnel and equipment charges. By acceptance of the Registered Installation Certificate, the Beneficiary acknowledges an agreement to pay all charges considered to be normal industry charges for work completed in regards to processing the claim.

Limitations

This Warranty is given only to brand new SMART F/O Components, installed according to RIT's specifications and instructions, and is valid only if all the following conditions are met:

- The Cabling System is a SMART F/O Cabling System.
- All SMART F/O Components are operated within their operational limits, as specified on the appropriate product manufacturer's data sheets, for the whole of the Warranty Period.
- This Warranty applies to the first installation of the SMART F/O Components. Any alterations to the original Registered Installation of the SMART F/O Cabling System, beyond normal customer interface, must be registered with RIT and a new Registered Installation Certificate must be issued by RIT. If any portion of the SMART F/O Cabling System was altered without registration with RIT, this Warranty is void. RIT, at its discretion, retains the right to refuse to register a system it deems incorrectly designed or installed.

General

- RIT's liability under this Warranty is limited in all aspects to the value of goods supplied by RIT and in no event shall RIT be liable for special, indirect and/or consequential damages.
- The Beneficiary relies on his/her own skill and judgment as to the suitability of all goods offered and supplied for any particular purpose or for use under any specific conditions.
- Beneficiary's exclusive and RIT's entire liability arising from or in connection with the SMART F/O Components, the SMART F/O Cabling System and/or this Warranty for breach of warranty or arising from or in connection with the use or inability to use the SMART F/O Components and/or the SMART F/O Cabling System, whether in contract or in tort or otherwise shall be limited to the express remedies provided herein.
- This Warranty is in force as of its title date and will remain in force until amended by RIT, at its sole discretion. No notice of such amendment will be given. The Warranty version which applies to a specific SMART F/O Component is the one which was in force at the Effective Date.
- This Warranty in all respects, shall be construed and operate as an Israeli contract and in conformity with Israeli Law.

U.S. Headquarters

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