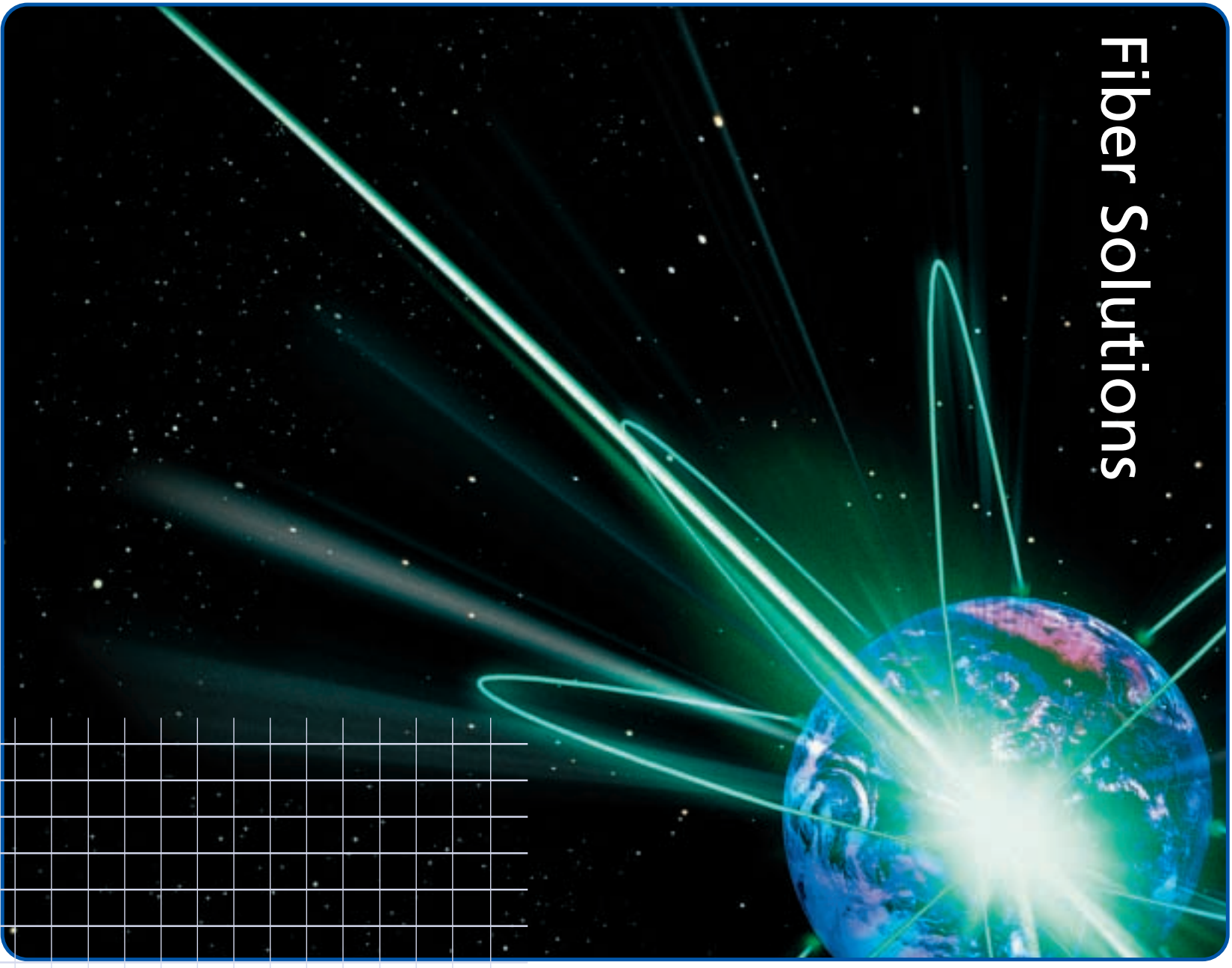


# Fiber Solutions



KRONE

Your Networks, Our Strength



### **Why Fiber?**

As pressure on traditional copper networks increases under the immense volume of data they are required to handle, network managers are considering their options. While many are looking to switched copper cabling solutions, it is becoming increasingly clear that, in the medium to long term, optic fiber trunking will have to be extended into the workplace and right on to the desktop to cope with the growth in network traffic.

With the increased use of applications such as video conferencing, real-time financial data flow and transactions, interactive (ITV) and web-based distribution of productivity applications on top of voice and fax transmissions, planning and managing a traditional network will become significantly more difficult.

Fiber optic cabling enables all forms of data to be transmitted on a single line of almost limitless capacity providing a high bandwidth communications pipeline that makes for a much smoother flow of data through the network.

### **Why a KRONE Fiber Solution?**

Ideal for applications where high bandwidth is a necessity, KRONE fiber solutions deliver the ultimate in high-speed network performance, preparing your network for the demands of tomorrow's technologies.

Our comprehensive range of fiber optic products allows us to tailor a solution for any application whether it be to optimise hybrid fiber-copper based networks, or as a full fiber rollout.

A KRONE fiber backbone solution will compliment fixed capacity copper cabling, offering organisations massive performance improvements in bandwidth and network speed. KRONE also has extensive expertise in designing fiber solutions for a wide variety of industries including education, government, healthcare, telecommunications and scientific research. We can develop a comprehensive fiber-to-the-desk and fiber-to-the-home solutions to accommodate the most demanding network applications.

For instance, KRONE had been working on the development of products that brings the fiber optic connections directly to the subscriber's home (fiber to the home). Within the framework of the OPAL project, KRONE was involved in the establishment of a comprehensive fiber optic network in the then East German states. By installing fiber optic subscriber connection networks, KRONE helped create an infrastructure that now provides the transmission capacity necessary for future services, so that future growth will be guaranteed.

**Outdoor Fiber Optic Cables, Loose Tube Steel Tape Armored Polyethylene Single Jacketed**

**Loose Tube Steel Tape Armored**

SingleMode  
9/125µm

- 4 fiber N004LTSARM010
- 6 fiber N006LTSARM010
- 8 fiber N008LTSARM010
- 12 fiber N012LTSARM010
- 24 fiber N024LTSARM010

- Black
- Black
- Black
- Black
- Black

Multimode  
62.5/125µm

- 4 fiber N004LTSARM062
- 6 fiber N006LTSARM062
- 8 fiber N008LTSARM062
- 12 fiber N012LTSARM062
- 24 fiber N024LTSARM062

- Black
- Black
- Black
- Black
- Black

Multimode  
50/125µm

- 4 fiber N004LTSARM050
- 6 fiber N006LTSARM050
- 8 fiber N008LTSARM050
- 12 fiber N012LTSARM050
- 24 fiber N024LTSARM050

- Black
- Black
- Black
- Black
- Black



\*Dual Jacket and other core sizes are available upon request.

**Outdoor Fiber Optic Cables, Loose Tube Di-Electric Polyethylene Single Jacketed**

**Loose Tube Di-Electric Non Metallic**

SingleMode  
9/125µm

- 4 fiber N004LTSUDUC010
- 6 fiber N006LTSUDUC010
- 8 fiber N008LTSUDUC010
- 12 fiber N012LTSUDUC010
- 24 fiber N024LTSUDUC010

- Black
- Black
- Black
- Black
- Black

Multimode  
62.5/125µm

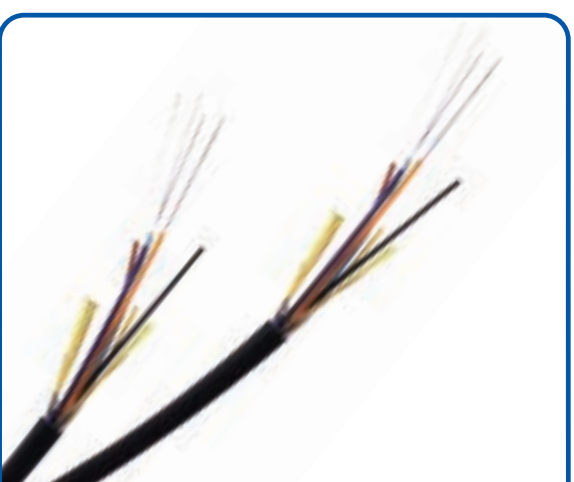
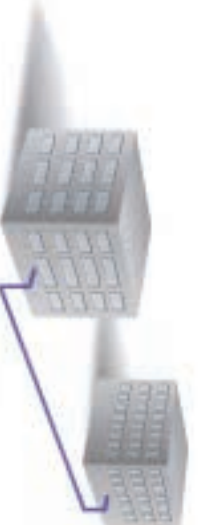
- 4 fiber N004LTSUDUC062
- 6 fiber N006LTSUDUC062
- 8 fiber N008LTSUDUC062
- 12 fiber N012LTSUDUC062
- 24 fiber N024LTSUDUC062

- Black
- Black
- Black
- Black
- Black

Multimode  
50/125µm

- 4 fiber N004LTSUDUC050
- 6 fiber N006LTSUDUC050
- 8 fiber N008LTSUDUC050
- 12 fiber N012LTSUDUC050
- 24 fiber N024LTSUDUC050

- Black
- Black
- Black
- Black
- Black



\*Other core sizes are available upon request.

**Indoor / Outdoor Fiber Optic Cables - Riser Rated Low Smoke Zero Halogen Jacketed**

**Fiber distribution Cable, Tight Buffered Design. Low-Smoke Zero Halogen**

SingleMode  
9/125µm

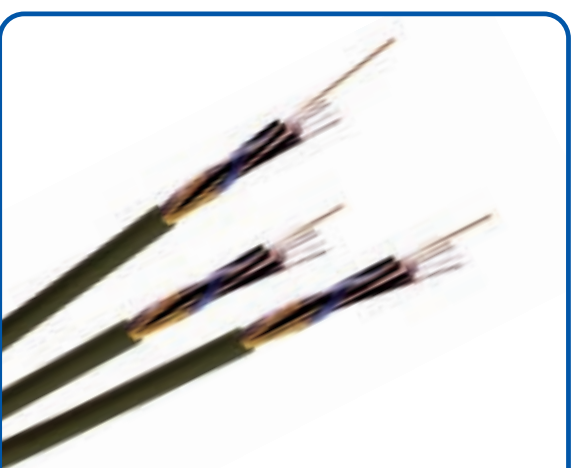
4 fiber	7004LZHIOC010	Black
6 fiber	7006LZHIOC010	Black
8 fiber	7008LZHIOC010	Black
12 fiber	7012LZHIOC010	Black
24 fiber	7024LZHIOC010	Black

Multimode  
62.5/125µm

4 fiber	7004LZHIOC062	Black
6 fiber	7006LZHIOC062	Black
8 fiber	7008LZHIOC062	Black
12 fiber	7012LZHIOC062	Black
24 fiber	7024LZHIOC062	Black

Multimode  
50/125µm

4 fiber	7004LZHIOC050	Black
6 fiber	7006LZHIOC050	Black
8 fiber	7008LZHIOC050	Black
12 fiber	7012LZHIOC050	Black
24 fiber	7024LZHIOC050	Black



\*Other core sizes are available upon request.



**Indoor Fiber Optic Cables, Compact Building Cable - Riser Rated PVC- Flame Retardant Jacketed**

**Fiber distribution Cable, Tight Buffered Design**

SingleMode  
9/125µm

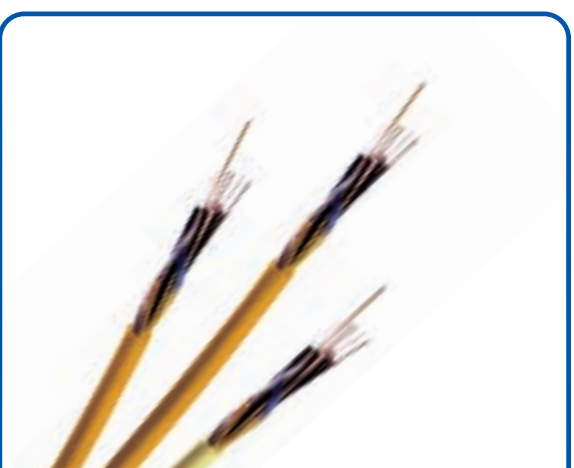
4 fiber	6004INHCBC010	Yellow
6 fiber	6006INHCBC010	Yellow
8 fiber	6008INHCBC010	Yellow
12 fiber	6012INHCBC010	Yellow
24 fiber	6024INHCBC010	Yellow

Multimode  
62.5/125µm

4 fiber	6004INHCBC062	Orange
6 fiber	6006INHCBC062	Orange
8 fiber	6008INHCBC062	Orange
12 fiber	6012INHCBC062	Orange
24 fiber	6024INHCBC062	Orange

Multimode  
50/125µm

4 fiber	6004INHCBC050	Orange
6 fiber	6006INHCBC050	Orange
8 fiber	6008INHCBC050	Orange
12 fiber	6012INHCBC050	Orange
24 fiber	6024INHCBC050	Orange



\*Other core sizes are available upon request.



## FDU 6 to 72ports Rack Mount RMG1 Series 4U

- This rack mount RMG1 series is ideal for Central Office, premise distribution and other high density applications. The unit can be configured with rear access splice tray for fusion splicing. It also support 6-port and 8 port snap-in modular panel. These panels support different types of connectors including ST, SC Simplex, SC Duplex and FC.

FDU loaded with adaptors	ST MM	RMG1-XX-STMML	Black
FDU loaded with adaptors	SC MM	RMG1-XX-SCMML	Black
FDU loaded with adaptors	SC Duplex MM	RMG1-XX-SCDMML	Black
FDU loaded with adaptors	MTRJ MM	RMG1-XX-MTMMML	Black
FDU loaded with adaptors	FC SM	RMG1-XX-FCMML	Black



*XX - 12, 24, 36, 48 and 72 port  
Available in ST, SC simplex, SC Duplex, FC and MT-RJ --SingleMode and MultiMode Adaptors.*

## FDU 6 to 36ports Rack Mount RMG1 Series 2U

- This rack mount RMG1 series is ideal for Central Office, premise distribution and other high density applications. The unit can be configured with rear access splice tray for fusion splicing. It also support 6-port and 8 port snap-in modular panel. These panels support different types of connectors including ST, SC Simplex, SC Duplex and FC.

FDU loaded with adaptors	ST MM	RMG1-XX-STMML	Black
FDU loaded with adaptors	SC MM	RMG1-XX-SCMML	Black
FDU loaded with adaptors	SC Duplex MM	RMG1-XX-SCDMML	Black
FDU loaded with adaptors	FC SM	RMG1-XX-FCMML	Black



*XX - 12, 24 and 36 port  
Available in ST, SC Simplex, SC Duplex, FC and MT-RJ --SingleMode and MultiMode Adaptors.*

## FDU Highlight 12/24 Fiber Patch Panel

- The highlight series 12/24 Port Sliding patch panel has the flexibility to slide the internal tray out past the 19" rack, allowing total access to the fiber management systems coupling splice cassettes if installed. Total access together with the supplied removable strain relief post and velcro ties combine to provide a totally flexible fiber management system.

12/24 Port Sliding <i>(as shown)</i>	Empty	6877 1 001-00	Charcoal
12/24 Port Fixed	Empty	6877 1 003-00	Charcoal
2/24 Port Wall Box	Empty	6877 1 005-00	Charcoal
Hinged Tray 24/48 Port Patch Panel	-	6877 1 002-00	-
Hinged Tray 36/72 Port Patch Panel	-	6877 1 002-01	-
12 Port Plates with Adaptors	SC MM	6877 2 010-00	Charcoal
12 Port Plates with Adaptors	ST MM	6877 2 010-01	Charcoal
12 Port Plates with Adaptors	SC Duplex MM	6877 2 010-02	Charcoal
24 Port Plates with Adaptors	SC MM	6877 2 010-03	Charcoal
24 Port Plates with Adaptors	ST MM	6877 2 010-04	Charcoal
24 Port Plates with Adaptors	SC Duplex MM	6877 2 010-05	Charcoal



## KUK Fiber Patch Panel

- Fiber patch panel for use with standard cabling or blown fibre systems. This light-weight and robust plastic panel has a sliding tray for easy access and modular adaptors plate configuration. An integral fibre management systems removes the need for bunny clips or management stars. Accepts MT-RJ, SC Simplex, SC Duplex, LC and FC adaptors. Open channels at the rear for use with blown fibers.
- Knock-outs to enable termination of loose-tube or tight-buffered cables.

Sliding FDU Empty	MT-RJ MM	7033 1 076 00	grey
Sliding FDU Empty	SC MM	7033 1 078 00	grey
Sliding FDU Empty	SC Duplex MM	7033 1 080 00	grey
Sliding FDU Empty	ST MM	7033 1 082 00	grey
12 Port sliding FDU with Adaptors	MT-RJ MM	7033 1 076 12	grey
12 Port sliding FDU with Adaptors	SC MM	7033 1 078 12	grey
12 Port sliding FDU with Adaptors	SC Duplex MM	7033 1 080 12	grey
12 Port sliding FDU with Adaptors	ST MM	7033 1 082 12	grey
24 Port sliding FDU with Adaptors	MT-RJ MM	7033 1 076 24	grey
24 Port sliding FDU with Adaptors	SC MM	7033 1 078 24	grey
24 Port sliding FDU with Adaptors	SC Duplex MM	7033 1 080 24	grey
24 Port sliding FDU with Adaptors	ST MM	7033 1 082 24	grey



*Available in ST, SC Simplex, SC Duplex, FC and MT-RJ --SingleMode, MultiMode 50um and 62.5um Adaptors.*

## Wall-Mount Unit WMP1 Series

- This wall mount termination unit supports a wide variety of premise distributions. The FDU terminates 12 to 24 fibers. The upper and lower panel is lockable preventing unauthorized access. It offers dust-proof environment, integrated fiber and cable management functions.

12/24 port Unloaded	ST	WMP1-STE
12/24 port Unloaded	SC Simplex	WMP1-SCE



## PatchCord

- Designed to provide one to one connectivity from end to end. A link to guarantee that the equipment transmit and receive paths are maintained. SingleMode & Multimode, low smoke sheath. Available in different configuration, length and connectivt types. Tested for insertion loss typically better than 0.5dB.

SC Duplex-SC Duplex MM62.5/125	meter	7006 3 511-1X	Orange
SC - SC MM62.5/125	meter	7006 3 211-1X	Orange
ST Duplex-ST Duplex MM62.5/125	meter	7006 3 555-1X	Orange
ST - ST MM62.5/125	meter	7006 3 255-1X	Orange

X-1(1meter) X-2(2meter) X-3(3meter) X-5(5meter) X-7(10meter)

Available in ST, SC Duplex, FC and MTRJ -- SingleMode and Multimode hybrid patchcord.



## Pigtails

- SingleMode, Multimode PVC. Available in different configuration, length and connectivity types. Tested for Insertion loss typically better than 0.5dB

Pigtail SC SM	meter	7006 1 110-1X
Pigtail FC SM	meter	7006 1 120-1X
Pigtail ST SM	meter	7006 1 150-1X

X-1(1meter) X-2(2meter) X-3(3meter) X-5(5meter) X-7(10meter)



## Connectors

- SingleMode Zirconia & Multimode Phosphor bronze ferrule fibre connectors. Available in ST, SC, FC and field installable.

SC SM	3mm/0.9mmboots	Pack Qty : 10	6643 1 013-02
ST SM	3mm/0.9mmboots	Pack Qty : 10	6643 3 011-00/30
SC MM	3mm/0.9mmboots	Pack Qty : 10	6643 1 012-02
ST MM	3mm/0.9mmboots	Pack Qty : 10	6643 3 010-00/30
MT-RJ	50/125	Pack Qty : 10	FIMT-M5MM-32
MT-RJ	62.5/125	Pack Qty : 10	FIMT-M6MM-32



## Adaptors

- SingleMode & Multimode fiber adaptors. Available in ST, SC, FC and MT-RJ.

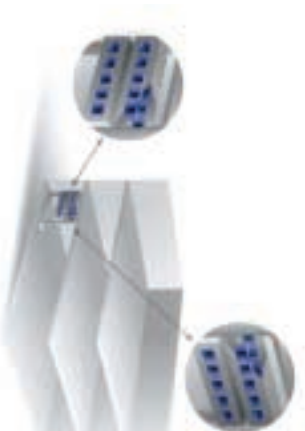
SC Adaptor MM	Pack Qty : 10	6643 3 021-02/33	
ST Adaptor MM	Pack Qty : 10	6643 3 021-00/33	
SC Duplex MM	Pack Qty : 10	6643 3 021-04/33	
SC Adaptor SM	Pack Qty : 10	6643 1 021-03	Blue
ST Adaptor SM	Pack Qty : 10	6643 1 021-01	Grey
FC (Round Face) SM	Pack Qty : 10	6824 2 300-12	Grey
FC (Square Face) SM	Pack Qty : 10	6824 2 300-04	Grey



## Closures

- The Closures provides a perfect solution for protecting fiber splices from permeation of water. It is used for underground, aerial, building entrance and direct buried applications. The closures can accommodate up to 72fiber.

Mechanical Closures	12 fiber	6877 1 013-00	Black
Mechanical Closures	24 fiber	6877 1 013-01	Black
Mechanical Closures	36 fiber	6877 1 013-02	Black
Mechanical Closures	48 fiber	6877 1 013-03	Black
Mechanical Closures	72 fiber	6877 1 013-04	Black
Re-Entry Kit		6877 2 105-00	Black



## Wall Outlets

- Outlets presenting MT-RJ, ST or SC sockets for fiber-to-the-user applications. Fully managed double gang footprint for blown and conventional cabling systems supplied with adaptors or empty as required. Integral fiber management system. Simple installation for fusion splicing of pigtails or direct termination. Splice protector holders and cable break-out units are also available if required

Wall Outlets Dual	MTRJ	7033 1 067 02	White
Wall Outlets Quad	MTRJ	7033 1 067 04	White
Wall Outlets 1 port	SC Duplex	7033 1 069 02	White
Wall Outlets 2 port	SC Duplex	7033 1 069 04	White
Wall Outlets 2 port	ST	7033 1 071 02	White
Wall Outlets 4 port	ST	7033 1 071 04	White



## Wall Outlets - UK Style Faceplate

- A full range of outlets are available for fiber to the desk solutions. The modular nature allows mounting in floor boxes, desk trays or trunking and can be provided in ST, SC or MT-RJ formats.

2 Port Faceplate, Single Gang		6540 1 806-00	
4 Port Faceplate, Double Gang		6540 1 807-00	
45° Angled Adaptor	SC MM	6877 1 024-00	
45° Angled Adaptor	ST MM	6877 1 023-00	

Single Gang (50x50)mm    Double Gang (100x150)mm    45° Angled Adaptor (25x25)mm



## MT-RJ PatchCord

- Full range of patchcords for both 50/125 and 62.5/125 fiber. MT-RJ to MT-RJ and Hybrid assemblies with ST or SC connectors.

MT-RJ to MT-RJ MIM62.5/125	meter	7023 1 023 0X
MT-RJ to MT-RJ MIM50/125	meter	7023 1 033 0X
MT-RJ to SC DuplexMM62.5/125	meter	7023 1 024 0X
MT-RJ to SC DuplexMM50/125	meter	7023 1 037 0X
MT-RJ to ST MM62.5/125	meter	7023 1 025 0X
MT-RJ to ST MIM50/125	meter	7023 1 035 0X

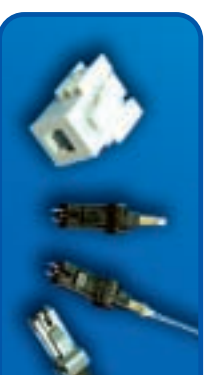


X-1(1meter)    X-2(2meter)    X-3(3meter)    X-5(5meter)    X-7(10meter)

## MT-RJ Connectors

- MT-RJ Fast Install (FI) Field Termination Connectors

MT-RJ FastInstall Composite Ferrule 50/125	FINMT-M5MM-32
MT-RJ FastInstall Composite Ferrule 62.5/125	FINMT-M6MM-32
MTRJ Shuttered sockets	7023 1 041 00
MTRJ Shuttered sockets with keystone adaptor	7023 1 030 00
MT-RJ MultiMode Adaptor - SC Format	MAMT-MMSC-32



## Universal Fiber Termination Kit

- Fiber Optic Termination kit for SC, ST FC

IDEAL    SC, ST and FC    IDTK



NOTE: For other accessories please contact your local KRONE representative.

KRONE reserves the right to alter our product range as deemed necessary without prior notice.

