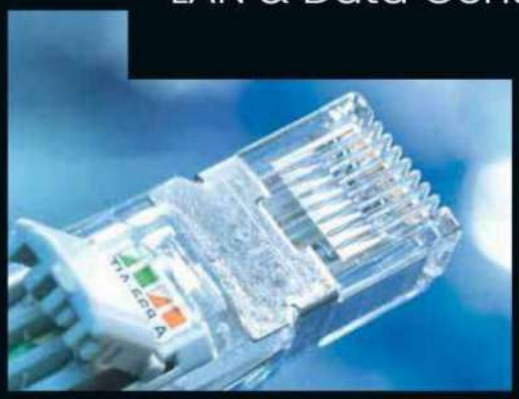


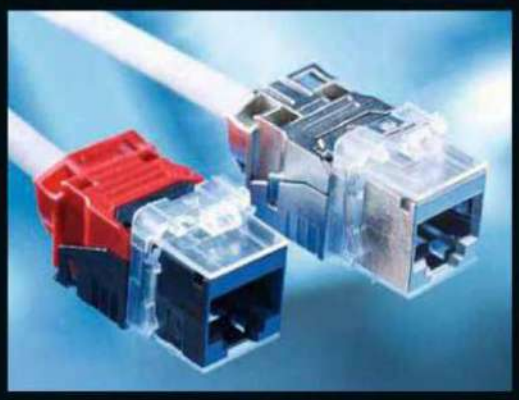
Product Catalogue 2023

LAN & Data Centre Solution





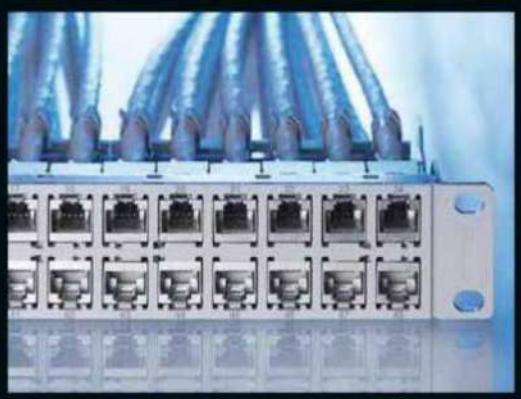




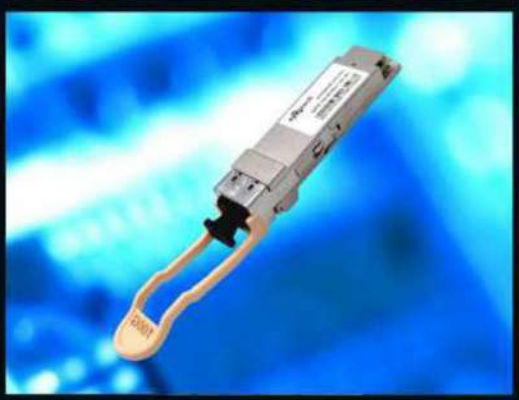
















Authorised Distributor

TRANSFORM YOUR BUSINESS

BY TRANSFORMING YOUR CABLING SYSTEM

Contents

Get More with R&M



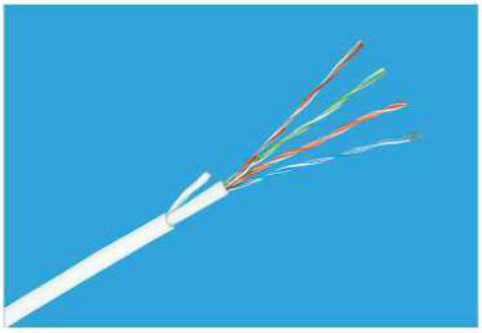
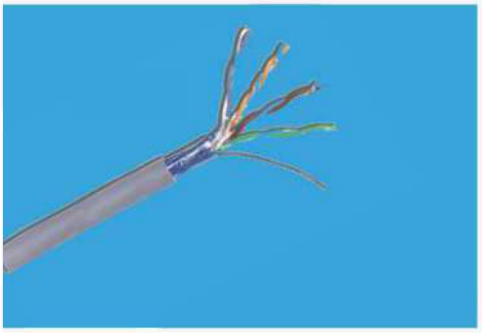
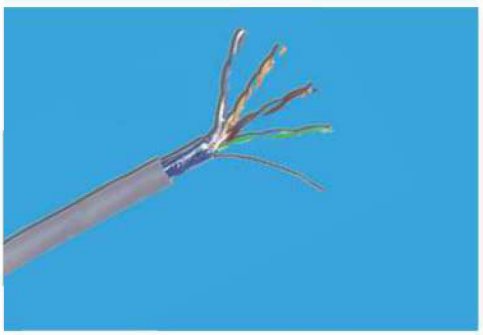
Installation Cables
Patch Panels
Connection Modules
Patch Cords
Outlets
Security System
Cables Routing

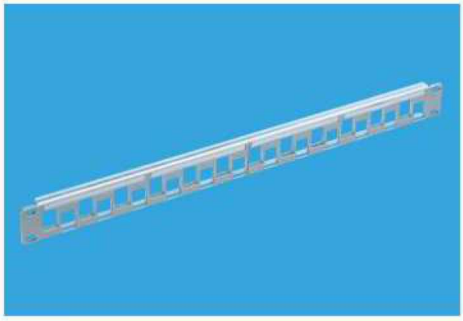
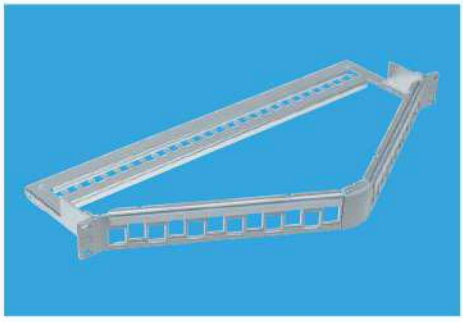
Copper System



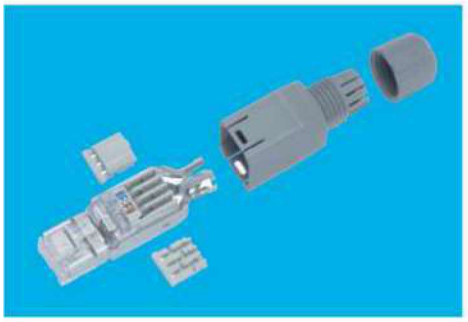
Installation Cables
Patch Panels
Patch Cords / Pigtails

Fiber Optic Systems

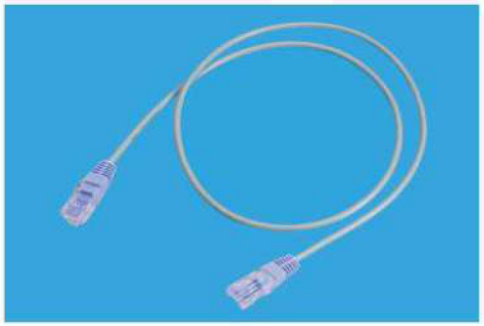
Ordering Information	Description	PU	Part Number
	**Installation Cable Cat.5e, U/UTP** – Cat.5e, U/UTP cable – 100 Ohm impedance – Data transmission frequencies of up to 100 MHz		
	4P, 24 AWG, PVC, Gray	**305m**	**R195703**
	**Installation Cable Cat.6, U/UTP** – Cat.6, U/UTP cable – 100 Ohm impedance – Data transmission frequencies of up to 250 MHz		
	4P, 24 AWG,PVC, Gray	**305m**	**R795138**
	4P, 23 AWG,LSZH, Gray	**305m**	**R195731**
	**Installation Cable Cat.6, F/UTP** – Cat.6, F/UTP cable – 100 Ohm impedance – Data transmission frequencies of up to 250 MHz		
	4P, 23 AWG,LSZH, Gray	**305m**	**R195712**
	**Installation Cable Cat.6A, U/UTP** – Cat.6A, U/UTP cable – 100 Ohm impedance – Data transmission frequencies of up to 500 MHz		
	4P, 23 AWG, LSZH, Gray	**305m**	**R195718**
	**Installation Cable Cat.6A, F/UTP** – Cat.6A, U/UTP cable – Overall Foil-shielded – 100 Ohm impedance – Data transmission frequencies of up to 500 MHz		
	4P, 23 AWG, PVC, Gray	**305m**	**R195728**

Ordering Information	Description	PU	Part Number
	**Installation Cable Cat.6A, S/FTP** – Cat.6A, S/FTP cable – Foil shielding of pairs and overall tin plated copper braid shield – 100 Ohm impedance – Data transmission frequencies of up to 650 MHz		
	4P, 23 AWG, LSZH, Gray	**500m**	**R305649**
	**Installation Cable Cat.7, S/FTP** – Cat.7, S/FTP cable – Foil shielding of pairs and overall tin plated copper braid shield – 100 Ohm impedance – Data transmission frequencies of up to 1000 MHz		
	4P, 23 AWG, LSFRZH, Gray	**500m**	**R35060**
	**19“ 1U Straight Patch Panel 24-Port, Unloaded** – With a capacity of up to 24 snap-in connection modules shielded/unshielded Supplied: – 19“ 1U 24-port straight metal patch panel, unloaded – 19“ Rack mounting kit – Labeling kit – Installation instructions		
	24 port straight unloaded patch panel, Gray	**1**	**R195500**
	**19" 1U Angled Patch Panel 24-Port, Unloaded** – With a capacity of up to 24 snap-in connection modules shielded/unshielded Supplied: – 19" 1U 24-port angled, metal patch panel, unloaded with integrated cable tie supporting bar – 19" Rack mounting kit – Labeling kit – Installation instructions		
	24 port angled unloaded patch panel, Gray	**1**	**R195501**

Ordering Information	Description	PU	Part Number
	**Connection Module Cat.5e, 1xRJ45/u (For Face Plate)** Supplied: – RJ45 Cat.5e connection module, unshielded – Mounting plate – Dust cover – Cable tie – Installation instructions		
	10x	**10**	**R925371**
	**Connection Module Cat.5e, 1xRJ45/u, Snap-in (For Patch Panel)** Supplied: – RJ45 Cat.5e connection module, unshielded – Snap-in adapter – Dust cover – Cable tie – Installation instructions		
	12x	**12**	**R809804**
	**Connection Module Easy Cat.6, 1xRJ45/u (For Face Plate)** Supplied: – RJ45 Cat.6 connection module, unshielded – Mounting plate – Dust cover – Cable tie – Installation instructions		
	1x	**1**	**R810597**
	**Connection Module Easy Cat.6, 1xRJ45/u, Snap-in (For Patch Panel)** Supplied: – RJ45 Cat.6 connection module, unshielded – Snap-in adapter – Dust cover – Cable tie – Installation instructions		
	24x	**24**	**R810598**

Ordering Information	Description	PU	Part Number
	**Connection Module Real10 Cat.6, 1xRJ45/s (For Face Plate)** Supplied: – RJ45 Real10 Cat.6 connection module, shielded – Mounting plate – EMC cover – Dust cover – Cable tie – Installation instructions		
	10x	**10**	**R302372**
	**Connection Module Real10 Cat.6, 1xRJ45/s, Snap-in (For Patch Panel)** Supplied: – RJ45 Real10 Cat.6 connection module, shielded – Snap-in adapter – EMC cover – Dust cover – Cable tie – Installation instructions		
	10x	**10**	**R304373**
	**FM45 Connector IP20** – Field-terminated RJ45 connector (UTP/ STP) with housing – Color housing: gray (RAL 7042) – Color termination block: gray (RAL 7035) Supplied: – RJ45 connection kit – Housing IP20 – Instruction manual		
	4P, TIA 568A/ B (AWG26-23)	**10**	**R312231**
	4P, TIA 568A/ B (AWG26-23), Cat 6A	**10**	**R815651**
	**FM45 Connector IP20, Angled** – Field-terminated RJ45 connector (UTP/ STP) with housing, angled – Color housing: gray (RAL 7042) – Color termination block: gray (RAL 7035) Supplied: – RJ45 connection kit – Housing IP20 – Instruction manual		
	4P, TIA 568A/ B (AWG26-23)	**10**	**R803489**
	4P, TIA 568A/ B (AWG26-23), Cat.6A	**10**	**R845599**

Ordering Information	Description	PU	Part Number



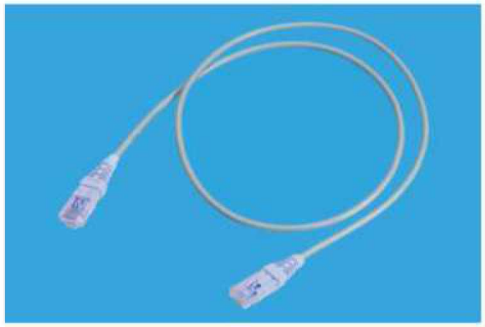
Patch Cord Cat.5e, U/UTP, 4P, PVC, RJ45/u- RJ45/u, Gray
- Cable identification: U/UTP
- Outer jacket: PVC
- Conductor diameter copper strand: AWG24/7
- Screened in pairs: no
- Overall screen: no

1.0m	**1**	**R195641**
2.0m	**1**	**R195603**
3.0m	**1**	**R195630**
5.0m	**1**	**R195642**
7.5m	**1**	**R195643**
10.0m	**1**	**R195631**



Cat.5e U/UTP, 4P, PVC, RJ45/u- RJ45/u, IDC, Gray
- Cable identification: U/UTP
- Outer jacket: PVC
- Conductor diameter copper strand: AWG24/7
- Screened in pairs: no
- Overall screen: no

1.0m	**10**	**R305015**
2.0m	**10**	**R305020**
3.0m	**10**	**R305021**
5.0m	**10**	**R305022**
7.5m	**10**	**R305023**
10.0m	**10**	**R305024**



Patch Cord Cat.6, U/UTP, 4P, PVC, RJ45/u- RJ45/u
- Cable identification: U/UTP
- Outer jacket: PVC
- Screened in pairs: no
- Overall screen: no
- Conductor diameter copper strand: AWG24/7

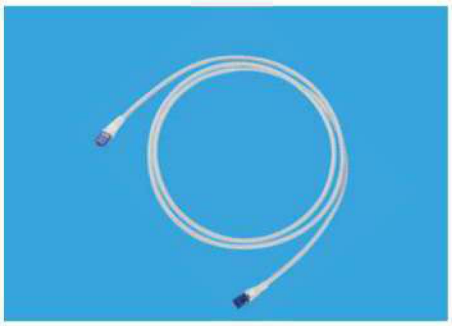
	PU	Gray	Green	Red	Yellow	Blue
1.0m	1	R795578	R195623	R195605	R795720	R795579
2.0m	1	R795217	R795222	R795218	R795219	R795220
3.0m	1	R795226	R195619	R195001	R795616	R195613
5.0m	1	R195620	R196085	R196002	R196006	R196806
7.5m	1	R196017	R195626	R196015	R196007	R196011
10.0m	1	R195606	R195627	R196016	R195611	R196090



Patch cord Cat.6 U/UTP, 4P, LSZH, RJ45/u-RJ45/u
- Cable identification: U/UTP
- Outer jacket: LSZH
- Conductor diameter copper strand: AWG 24/7
- Screened in pairs: no
- Overall screen: no

	PU	Gray	Green	Red	Yellow	Blue
1.0m	1	R196109	R196169	R196168	R196106	R196126
2.0m	1	R196110	R196108	R196111	R196117	R196107
3.0m	1	R196128	R196139	R196112	R196142	R196127
5.0m	1	R196121	R196140	R196113	R196142	R196010

Ordering Information	Description	PU	Part Number



Patch cord Cat .6 U/UTP, 4P, PVC, RJ45/u- RJ45/u, IDC

- Cable identification: U/UTP
- Outer jacket: PVC
- Conductor diameter copper strand: AWG 26/7
- Screened in pairs: no
- Overall screen: no

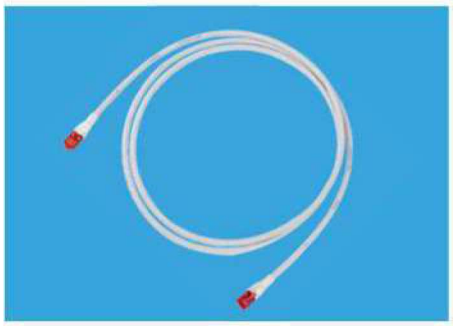
	PU	Gray	Green	Red	Yellow	Blue
1.0m	10	R830719	R830735	R830727	R830723	R830731
2.0m	10	R830720	R830736	R830728	R830724	R830732
3.0m	10	R830721	R830737	R830729	R830725	R830733
5.0m	10	R830722	R830738	R830730	R830726	R830734



Patch Cord Cat.6, U/FTP, 4P, LSZH RJ45/s-RJ45/s, IDC

- Cable identification: U/FTP
- Outer jacket: LSZH
- Conductor diameter copper strand: AWG 26/7
- Screened in pairs: AL/foil
- Overall screen: no

	PU	Gray	Green	Red	Yellow	Blue
1.0m	10	R830557	R830707	R830698	R830694	R830702
2.0m	10	R830691	R830708	R830699	R830695	R830703
3.0m	10	R830692	R830709	R830700	R830696	R830704
5.0m	10	R830693	R830710	R830701	R830697	R830705



Patch cord Cat.6A U/UTP, 4P, LSZH, RJ45/u-RJ45/u, IDC

- Cable identification: U/UTP
- Outer jacket: LSZH
- Conductor diameter copper strand: AWG 26/7
- Screened in pairs: no
- Overall screen: no

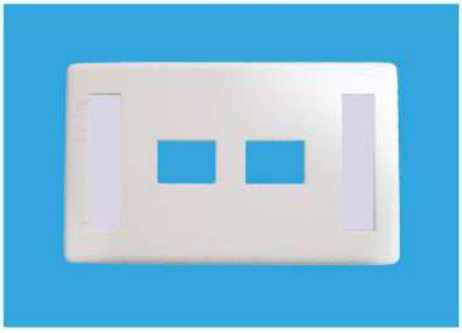
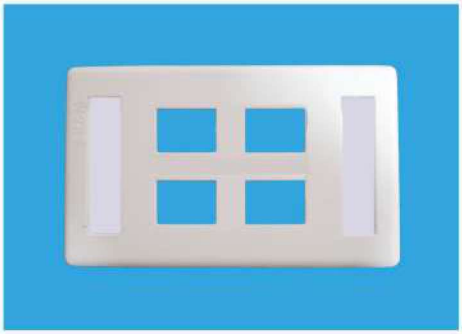
	PU	Gray	Green	Red	Yellow	Blue
1.0m	10	R830779	R830809	R830801	R830784	R830805
2.0m	10	R830780	R830810	R830802	R830798	R830806
3.0m	10	R830781	R830811	R830803	R830799	R830807
5.0m	10	R830783	R830812	R830904	R830800	R830808

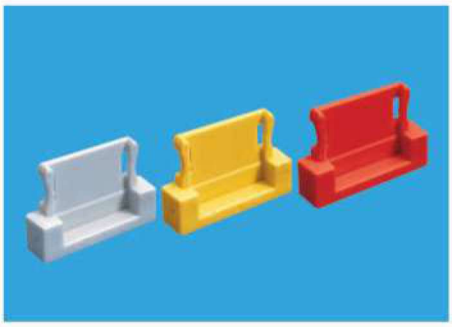
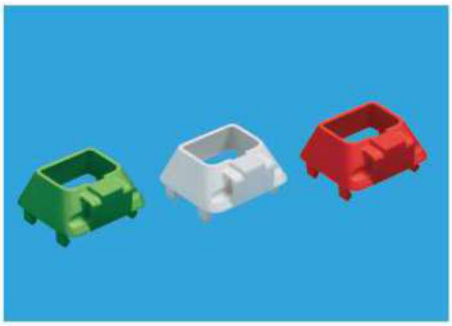
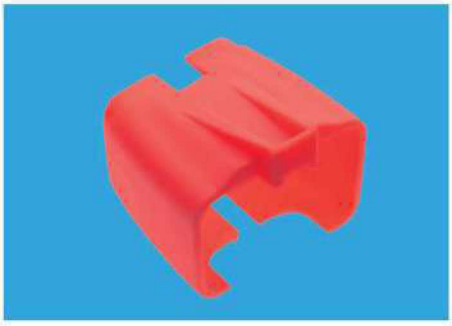


Patch cord Cat.6A U/FTP, 4P, LSZH, RJ45/s-RJ45/s, IDC

- Cable identification: U/FTP
- Outer jacket: LSZH
- Conductor diameter copper strand: AWG 26/7
- Screened in pairs: AL/foil
- Overall screen: no

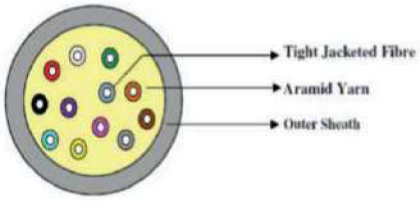
	PU	Gray	Green	Red	Yellow	Blue
1.0m	10	R830749	R830765	R830757	R830753	R830761
2.0m	10	R830750	R830766	R830758	R830754	R830762
3.0m	10	R830751	R830767	R830759	R830755	R830763
5.0m	10	R830752	R830768	R830760	R830756	R830764

Ordering Information	Description	PU	Part Number
	**BS Faceplate 86x86, 2x1 port** – Plastic: PC/ABS Supplied: – Faceplate 86x86 mm for 2 RJ45 ports, including fastening screws – Blind cover (when used as a 1 port outlet) – Label strips		
	2x1-Port, White	**1**	**R195514**
	Suitable for RJ45 connection modules and fiber optic connectors with support plates		
	**BS Faceplate 86x86, 4x1 port** – Plastic: PC/ABS Supplied: – Faceplate 86x86 mm for 4 RJ45 ports, including fastening screws – 2 Label strips		
	4x1-Port, White	**1**	**R195515**
	Suitable for RJ45 connection modules and fiber optic connectors with support plates		
	**US Faceplate 114x70, 2x1 port** – Plastic: ABS Supplied: – Faceplate 114x70 mm for 2 RJ45 ports, including fastening screws – 2 Label strips		
	2x1-Port, White	**1**	**R199512**
	2x1-Port, Black	**1**	**R196812**
	Suitable for RJ45 Snap-in connection modules		
	**US Faceplate 114x70, 4x1 port** – Plastic: ABS Supplied: – Faceplate 114x70 mm for 4 RJ45 ports, including fastening screws – 2 Label strips		
	4x1-Port, White	**1**	**R199513**
	4x1-Port, Black	**1**	**R196813**
	Suitable for RJ45 Snap-in connection modules		

Ordering Information	Description	PU	Part Number
	**Hinged Dust Cover** – Dust cover and color coding for RJ45 outlets and patch panels – Fitting R&M Smartholes		
	anthracite	**10**	**R305685**
	blue	**10**	**R305686**
	brown	**10**	**R305687**
	yellow	**10**	**R305688**
	gray	**10**	**R305689**
	green	**10**	**R305690**
	red	**10**	**R305691**
	violet	**10**	**R305692**
	white	**10**	**R305693**
	**Snap-in Coding Clip** – Color coding clip for snap-in adapters and the multimedia outlet		
	anthracite	**10**	**R196509**
	blue	**10**	**R196510**
	grey	**10**	**R196513**
	green	**10**	**R196514**
	red	**10**	**R196515**
	white	**10**	**R196517**
	yellow	**10**	**R196512**
	**Plug Guard RJ45** – RJ45 connection protection for outlets and patch panels – Fitting R&M Smartholes Supplied: – Plug Guard – 1 key per packing unit		
	green	**20**	**R304825**
	white	**20**	**R304827**
	red	**20**	**R304826**
	**Safe Clip** – Locking element for RJ45 patch cords (R&M standard patch cords), protecting connections from being unplugged by mistakes.		
		20	**R304807**

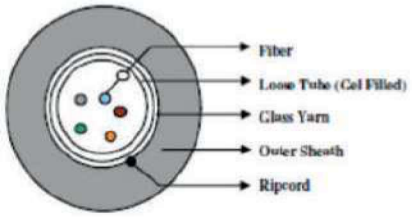
Ordering Information	Description	PU	Part Number
	**Patch Guard RJ45** – Lockable plug-out protection for RJ45 connecting cables (R&M standard IDC patch cables) Supplied: – Patch Guard, top part – Patch Guard, bottom part – 1 key per packing unit	**20**	**R313814**
	Key Patch Guard RJ45 Supplied: – Key plus key ring	**1**	**R313815**
	**Port Guard** – RJ45 Connection protection for outlets and patch Supplied: – 20 port guards with 1 key	**20**	**R510854**
	**FLEXkanal, extended 1 m** – For an organized and protected cable routing up to your desk, connecting deskboxes with cable ducts or floor connection boxes – Integral cable organization in two channels – Length 1 m in extended form		
	Black Gray RAL 7021	**1**	**R451000**
	Light Gray RAL 7035	**1**	**R451002**
	White RAL 9010	**1**	**R451003**

Ordering Information	Description	PU	Part Number



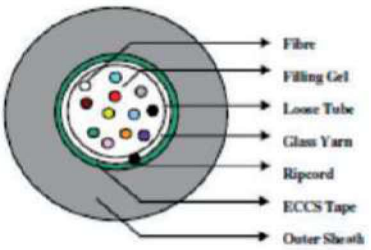
Tight Buffer Indoor, LSZH Fiber Cables

Fiber Cable Type / No. of Cores	OS 1 / OS 2	OM3	OM4
6F	R195693	R196756	R195562
12F	R195568	R196738	R195567
24F	R195595	R196757	R195597



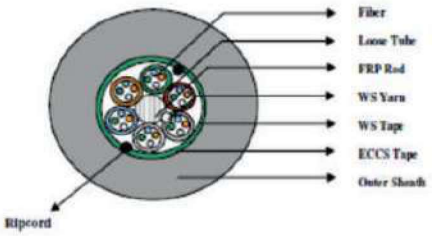
Central Loose Tube/Uni tube, Gel filled, Unarmored Indoor/Outdoor LSZH Fiber cables

Fiber Cable Type / No. of Cores	OS 1 / OS 2	OM3	OM4
6F	R196714	R196713	R196712
12F	R196720	R195663	R196718
24F	R196723	R196722	R196721



Central Loose Tube/Uni tube, Gel filled, ECCS Armored Outdoor HDPE Fiber cables

Fiber Cable Type / No. of Cores	OS 1 / OS 2	OM3	OM4
6F	R195666	R196701	R196700
12F	R195667	R196707	R196705



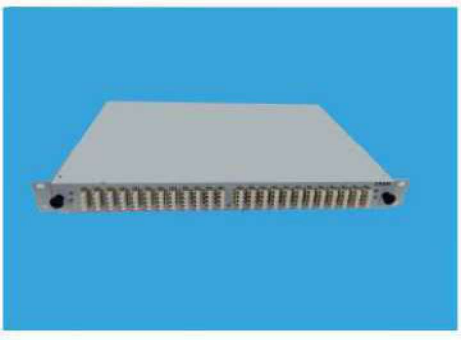
Multi Loose Tube, Gel filled, ECCS Armored Outdoor HDPE Fiber cables

Fiber Cable Type / No. of Cores	OS 1 / OS 2	OM3	OM4
12F	R195679	R196708	R196706



19" Rack Mount 12Port Fiber LIU, Loaded with 6xLCPC Dx adapters & Splice trays

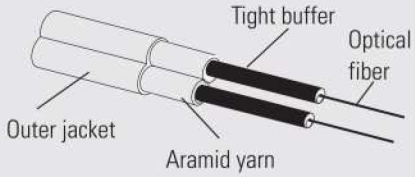
Single Mode	1	R220036
Multi-Mode	1	R220042

Ordering Information	Description	PU	Part Number
	19" Rack Mount 24Port Fiber LIU, Loaded with 12xLCPC Dx adapters & Splice trays		
	Single Mode	1	R220037
	Multi-Mode	1	R220043
	19" Rack Mount 48Port Fiber LIU, Loaded with 24xLCPC Dx adapters & Splice trays		
	Single Mode	1	R220111
	Multi-Mode	1	R220081
	19" Rack Mount 12Port Fiber LIU, Loaded with 6xSCPC Dx adapters & Splice trays		
	Single Mode	1	R220039
	Multi-Mode	1	R220045
	19" Rack Mount 24Port Fiber LIU, Loaded with 12xSCPC Dx adapters & Splice trays		
	Single Mode	1	R220040
	Multi-Mode	1	R220046
	19" 1U Rack Mount 96Port Fiber LIU, Fully Loaded with 24xLCPC Quad adapters, Splice trays & Pigtails		
	Single Mode	1	R220360
	Multi-Mode OM3	1	R220324

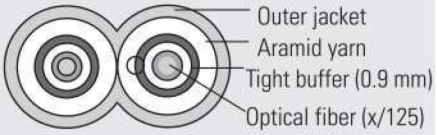
Ordering Information	Description	PU	Part Number

Duplex Fiber Patch Cords, LSZH

020.0928



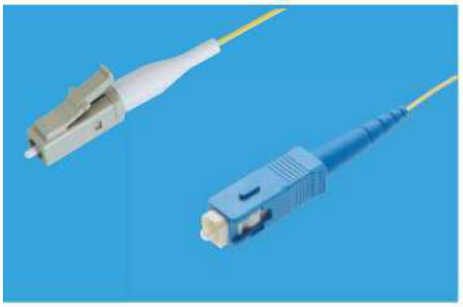
020.0927



030.1371



Connector side 1 / Connector side 2		SC Duplex		
		SM (OS2)	OM3	OM4
SC Duplex	1m	R198023	R222138	R222143
	2m	R198367	R222132	R222144
	3m	R198114	R222182	R222145
	5m	R198291	R198467	R222146
	10m	R198372	R222137	R222113
		LC Duplex		
		SM (OS2)	OM3	OM4
LC Duplex	1m	R198103	R222281	R222139
	2m	R198235	R222136	R222140
	3m	R198236	R222111	R222141
	5m	R198241	R222163	R222142
	10m	R198002	R222123	R222115
		LC Duplex		
		SM (OS2)	OM3	OM4
SC Duplex	1m	R198020	R222134	R222147
	2m	R198368	R222135	R222148
	3m	R198113	R222124	R222149
	5m	R198192	R222125	R222128
	10m	R198191	R222126	R222114



Fiber Pigtails, LSZH, 1.5m

LCPC, Single mode	1	R222101
LCPC, OM3, Multimode	1	R222162
LCPC, OM4, Multimode	1	R222183
SCPC, Single mode	1	R198035
SCPC, OM3, Multimode	1	R198365
SCPC, OM4, Multimode	1	R198496