

# Fibre Optic Cabling

Lots of  
**NEW**  
products



1U Sliding Fibre  
Optic Patch Panel



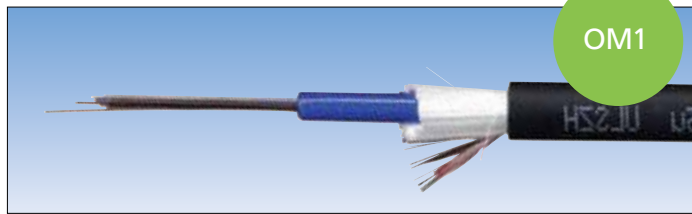
FAST Fibre  
Connector Kit



Ruggedised Fibre  
Patch Cables

### Multimode 62.5/125-µm OM1 Fibre Optic Bulk Cable

Internal/external, nonmetallic cables.



- Multimode 62.5/125-µm fibre.
- ULSZH (Universal Low-Smoke Zero Halogen) Outer jacket.
- Black jacket is standard for UV resistance.
- **WARRANTY** — 2 Years.

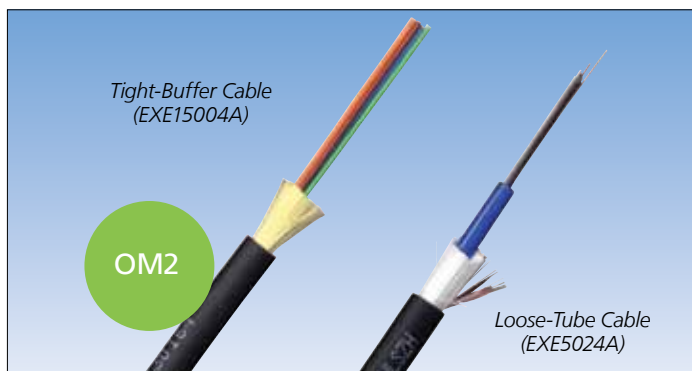
Item	Code	Price
Fibre Optic Multimode, OM1, 62.5/125-µm, Loose-Tube Bulk Cables (ULSZH)		
4-Core		
200-m	EXE6004A-0200M	<b>£146.00</b>
300-m	EXE6004A-0300M	<b>£219.00</b>
8-Core		
200-m	EXE6008A-0200M	<b>£215.00</b>
300-m	EXE6008A-0300M	<b>£322.00</b>
12-Core		
200-m	EXE6012A-0200M	<b>£277.00</b>
300-m	EXE6012A-0300M	<b>£415.00</b>
24-Core		
200-m	EXE6024A-0200M	<b>£455.00</b>
300-m	EXE6024A-0300M	<b>£682.00</b>

Item	Code	Price
Fibre Optic Multimode, OM1, 62.5/125-µm, Tight-Buffer Bulk Cables (ULSZH)		
4-Core		
200-m	EXE16004A-0200M	<b>£153.00</b>
300-m	EXE16004A-0300M	<b>£230.00</b>
8-Core		
200-m	EXE16008A-0200M	<b>£244.00</b>
300-m	EXE16008A-0300M	<b>£366.00</b>
12-Core		
200-m	EXE16012A-0200M	<b>£350.00</b>
300-m	EXE16012A-0300M	<b>£524.00</b>
24-Core		
200-m	EXE16024A-0200M	<b>£626.00</b>
300-m	EXE16024A-0300M	<b>£939.00</b>

Item	Code	Price
Armoured Fibre Optic Multimode, OM1, 62.5/125-µm, Loose-Tube Bulk Cables (ULSZH)		
4-Core		
200-m	EXE6104A-0200M	<b>£273.00</b>
300-m	EXE6104A-0300M	<b>£410.00</b>
8-Core		
200-m	EXE6108A-0200M	<b>£342.00</b>
300-m	EXE6108A-0300M	<b>£513.00</b>
12-Core		
200-m	EXE6112A-0200M	<b>£411.00</b>
300-m	EXE6112A-0300M	<b>£617.00</b>
24-Core		
200-m	EXE6124A-0200M	<b>£662.00</b>
300-m	EXE6124A-0300M	<b>£993.00</b>

### Multimode 50/125-µm OM2 Fibre Optic Bulk Cable

Internal/external, nonmetallic cables.



- Multimode 50/125-µm fibre.
- ULSZH (Universal Low-Smoke Zero Halogen) Outer jacket.
- Black jacket is standard for UV resistance.
- **WARRANTY** — 2 Years.

Item	Code	Price
Fibre Optic Multimode, OM2, 50/125-µm, Loose-Tube Bulk Cables (ULSZH)		
4-Core		
200-m	EXE5004A-0200M	<b>£142.00</b>
300-m	EXE5004A-0300M	<b>£213.00</b>
8-Core		
200-m	EXE5008A-0200M	<b>£175.00</b>
300-m	EXE5008A-0300M	<b>£262.00</b>
12-Core		
200-m	EXE5012A-0200M	<b>£211.00</b>
300-m	EXE5012A-0300M	<b>£317.00</b>
24-Core		
200-m	EXE5024A-0200M	<b>£331.00</b>
300-m	EXE5024A-0300M	<b>£497.00</b>

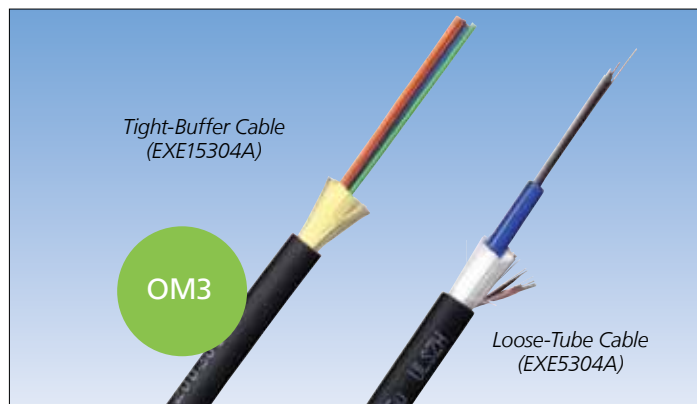
Item	Code	Price
Fibre Optic Multimode, OM2, 50/125-µm, Tight-Buffer Bulk Cables (ULSZH)		
4-Core		
200-m	EXE15004A-0200M	<b>£128.00</b>
300-m	EXE15004A-0300M	<b>£191.00</b>
8-Core		
200-m	EXE15008A-0200M	<b>£201.00</b>
300-m	EXE15008A-0300M	<b>£301.00</b>
12-Core		
200-m	EXE15012A-0200M	<b>£277.00</b>
300-m	EXE15012A-0300M	<b>£415.00</b>
24-Core		
200-m	EXE15024A-0200M	<b>£499.00</b>
300-m	EXE15024A-0300M	<b>£748.00</b>

Item	Code	Price
Armoured Fibre Optic Multimode, OM2, 50/125-µm, Loose-Tube Bulk Cables (ULSZH)		
4-Core		
200-m	EXE5104A-0200M	<b>£244.00</b>
300-m	EXE5104A-0300M	<b>£366.00</b>
8-Core		
200-m	EXE5108A-0200M	<b>£284.00</b>
300-m	EXE5108A-0300M	<b>£426.00</b>
12-Core		
200-m	EXE5112A-0200M	<b>£324.00</b>
300-m	EXE5112A-0300M	<b>£486.00</b>
24-Core		
200-m	EXE5124A-0200M	<b>£491.00</b>
300-m	EXE5124A-0300M	<b>£737.00</b>

For other OM1 and OM2 options, please contact our FREE Technical support on 0118 965 6000.

## Multimode 50/125-µm OM3 Fibre Optic Bulk Cable

Laser enhanced for 10-Gigabit Ethernet Applications.



- Multimode 50/125-µm fibre.
- **WARRANTY** — 2 Years.

Item	Code	Price
Fibre Optic Multimode, OM1, 62.5/125-µm, Tight-Buffer Bulk Cables (ULSZH)		
4-Core		
200-m	EXE15304A-0200M	<b>£182.00</b>
300-m	EXE15304A-0300M	<b>£273.00</b>
8-Core		
200-m	EXE15308A-0200M	<b>£313.00</b>
300-m	EXE15308A-0300M	<b>£470.00</b>
12-Core		
200-m	EXE15312A-0200M	<b>CALL</b>
300-m	EXE15312A-0300M	<b>CALL</b>
24-Core		
200-m	EXE15324A-0200M	<b>CALL</b>
300-m	EXE15324A-0300M	<b>CALL</b>

Item	Code	Price
Fibre Optic Multimode, OM3, 50/125-µm, Loose-Tube Bulk Cables (ULSZH)		
4-Core		
200-m	EXE5304A-0200M	<b>£197.00</b>
300-m	EXE5304A-0300M	<b>£295.00</b>
8-Core		
200-m	EXE5308A-0200M	<b>£281.00</b>
300-m	EXE5308A-0300M	<b>£421.00</b>
12-Core		
200-m	EXE5312A-0200M	<b>£371.00</b>
300-m	EXE5312A-0300M	<b>£557.00</b>
24-Core		
200-m	EXE5324A-0200M	<b>£648.00</b>
300-m	EXE5324A-0300M	<b>£971.00</b>

Item	Code	Price
Armoured Fibre Optic Multimode, OM3, 50/125-µm, Loose-Tube Bulk Cables (ULSZH)		
4-Core		
200-m	EXE5204A-0200M	<b>£313.00</b>
300-m	EXE5204A-0300M	<b>£470.00</b>
8-Core		
200-m	EXE5208A-0200M	<b>£393.00</b>
300-m	EXE5208A-0300M	<b>£590.00</b>
12-Core		
200-m	EXE5212A-0200M	<b>£513.00</b>
300-m	EXE5212A-0300M	<b>£770.00</b>
24-Core		
200-m	EXE5224A-0200M	<b>£837.00</b>
300-m	EXE5224A-0300M	<b>£1,255.00</b>

## Single-Mode 9/125-µm OM2 Fibre Optic Bulk Cable

Internal/external, nonmetallic cable for long runs.



- Single-Mode 9/125-µm fibre.
- ULSZH (Universal Low-Smoke Zero Halogen) Outer jacket.
- **WARRANTY** — 2 Years.

Item	Code	Price
Fibre Optic Single-Mode, OS1, 9/125-µm, Tight-Buffer Bulk Cables (ULSZH)		
4-Core		
200-m	EXE19004A-0200M	<b>£121.00</b>
300-m	EXE19004A-0300M	<b>£181.00</b>
8-Core		
200-m	EXE19008A-0200M	<b>£179.00</b>
300-m	EXE19008A-0300M	<b>£268.00</b>
12-Core		
200-m	EXE19012A-0200M	<b>£233.00</b>
300-m	EXE19012A-0300M	<b>£350.00</b>
24-Core		
200-m	EXE19024A-0200M	<b>£404.00</b>
300-m	EXE19024A-0300M	<b>£606.00</b>

Item	Code	Price
Fibre Optic Multimode, OS1, 9/125-µm, Loose-Tube Bulk Cables (ULSZH)		
4-Core		
200-m	EXE9004A-0200M	<b>£110.00</b>
300-m	EXE9004A-0300M	<b>£164.00</b>
8-Core		
200-m	EXE9008A-0200M	<b>£124.00</b>
300-m	EXE9008A-0300M	<b>£186.00</b>
12-Core		
200-m	EXE9012A-0200M	<b>£146.00</b>
300-m	EXE9012A-0300M	<b>£219.00</b>
24-Core		
200-m	EXE9024A-0200M	<b>£211.00</b>
300-m	EXE9024A-0300M	<b>£317.00</b>

Item	Code	Price
Armoured Fibre Optic Single-Mode, OS1, 9/125-µm, Loose-Tube Bulk Cables (ULSZH)		
4-Core		
200-m	EXE9104A-0200M	<b>£237.00</b>
300-m	EXE9104A-0300M	<b>£355.00</b>
8-Core		
200-m	EXE9108A-0200M	<b>£266.00</b>
300-m	EXE9108A-0300M	<b>£399.00</b>
12-Core		
200-m	EXE9112A-0200M	<b>£295.00</b>
300-m	EXE9112A-0300M	<b>£442.00</b>
24-Core		
200-m	EXE9124A-0200M	<b>£397.00</b>
300-m	EXE9124A-0300M	<b>£595.00</b>

For other OM3 and OS1/OS2 options, please contact our FREE Technical support on 0118 965 6000.

## Fibre Optic Single-Mode OS1 Patch Cables (9/125-µm)

Ideal for long-distance applications



Check our website for special offers

Item	Code	Price
Fibre Optic Single-Mode, OS1, Patch Cables (LSZH), Duplex		
1-m	EFE0XX-001M	from £7.00
2-m	EFE0XX-002M	from £7.50
3-m	EFE0XX-003M	from £8.00
5-m	EFE0XX-005M	from £9.00
10-m	EFE0XX-010M	from £11.50
15-m	EFE0XX-015M	from £14.00
20-m	EFE0XX-020M	from £16.50

To order, replace the "XX" with the number assigned to each connector.

LC—LC = 80	FC—FC = 85	SC/APC—SC/APC = 90
LC—SC = 81	ST—ST = 86	E-2000—SC = 91
LC—ST = 82	ST—SC = 87	E-2000—LC = 92
FC—ST = 83	SC—SC = 88	E-2000—E-2000 = 93
FC—SC = 84	ST/APC—ST/APC = 89	

## Fibre Optic Multimode OM1 Patch Cables (62.5/125-µm)

Fibre patch cords for high performance



Check our website for special offers

Item	Code	Price
Fibre Optic Multimode, OM1, Patch Cables (LSZH)		
1-m	EFE0XX-001M	from £5.70
2-m	EFE0XX-002M	from £6.25
3-m	EFE0XX-003M	from £6.80
5-m	EFE0XX-005M	from £7.90
10-m	EFE0XX-010M	from £10.65
15-m	EFE0XX-015M	from £13.40
20-m	EFE0XX-020M	from £16.15

To order, replace the "XX" with the number assigned to each connector.

LC—LC Duplex = 70	ST—SC Duplex = 74	MT-RJ—SC Duplex = 78
LC—SC Duplex = 71	SC—SC Duplex = 75	MT-RJ—MT-RJ Duplex = 79
LC—ST Duplex = 72	MT-RJ—MT-RJ = 76	Duplex = 79
ST—ST Duplex = 73	MT-RJ—ST Duplex = 77	

## Fibre Optic Multimode OM2 Patch Cables (50/125-µm)

Our premier fibre optic patch cords



Check our website for special offers

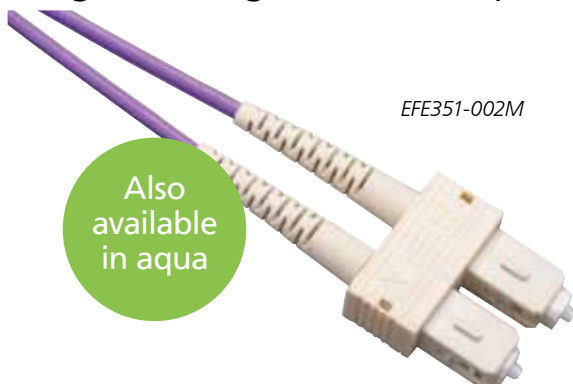
Item	Code	Price
Fibre Optic Multimode, OM2, Patch Cables (LSZH)		
1-m	EFE0XX-001M	from £5.70
2-m	EFE0XX-002M	from £6.25
3-m	EFE0XX-003M	from £6.80
5-m	EFE0XX-005M	from £7.90
10-m	EFE0XX-010M	from £10.65
15-m	EFE0XX-015M	from £13.40
20-m	EFE0XX-020M	from £16.15

To order, replace the "XX" with the number assigned to each connector.

LC—LC Duplex = 50	SC—SC Duplex = 55	MU—SC Duplex = 60
LC—SC Duplex = 51	MT-RJ—MT-RJ = 56	MU—LC Duplex = 61
LC—ST Duplex = 52	MT-RJ—ST Duplex = 57	E-2000—SC Duplex = 62
ST—ST Duplex = 53	MT-RJ—SC Duplex = 58	Duplex = 62
ST—SC Duplex = 54	LC Duplex—MT-RJ = 59	E-2000—E-2000 = 63

## Fibre Optic Multimode OM3 Enhanced Patch Cables (50/125-µm)

Designed for Gigabit Ethernet up to 10 Gbps!



Also available in aqua

Item	Code	Price
Fibre Optic Multimode, OM3, Patch Cables (LSZH)		
1-m	EFE3XX-001M	from £6.20
2-m	EFE3XX-002M	from £7.10
3-m	EFE3XX-003M	from £8.00
5-m	EFE3XX-005M	from £9.80
10-m	EFE3XX-010M	from £14.30
15-m	EFE3XX-015M	from £18.80
20-m	EFE3XX-020M	from £23.30

To order, replace the "XX" with the number assigned to each connector.

LC—LC Duplex = 50	SC—SC Duplex = 55	MU—SC Duplex = 60
LC—SC Duplex = 51	MT-RJ—MT-RJ = 56	MU—LC Duplex = 61
LC—ST Duplex = 52	MT-RJ—ST Duplex = 57	E-2000—SC Duplex = 62
ST—ST Duplex = 53	MT-RJ—SC Duplex = 58	Duplex = 62
ST—SC Duplex = 54	LC Duplex—MT-RJ = 59	E-2000—E-2000 = 63

## Fibre Optic Multimode OM4 Patch Cables (50-/125-µm)

Fibre patch cords for high performance



- 900-µm tight buffer.
- OM4 fibre conforms to ITU-651, TIA/EIA 492AAAD.
- Simplex and duplex assemblies.
- Different connector performance range for specific application.
- For use in 10Gbps high speed LAN networks over a 300-m indicative link length at 850 nm (SX) wavelength using a laser launch.
- For use in 1Gbps high speed LAN networks over a 1000-m indicative link length at 850 nm (SX) wavelength using a laser launch.
- ULSZH (Universal Low-Smoke Zero Halogen) Outer jacket.
- Connect high-speed and legacy networks including Gigabit Ethernet, Fast Ethernet and Ethernet.
- Supports video, data and voice services.

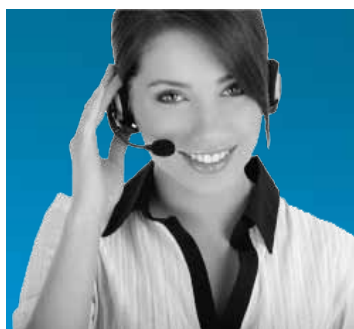
### TECH SPECS

Jacket — LSZH  
 Strength Member — Aramid  
 Operating Temperature — -20 to +60°C  
 Attenuation (dB) — 2.8 @ 850 nm/0.8 @ 1310 nm

Crush (N) — 1000  
 Bandwidth OFL (MHz x km) — 3500 @ 850 nm; 500 @ 1310 nm; 4700 @ 850 nm

OM4 multimode patch cables are used to connect high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet. The multimode patch cords are manufactured using LSZH cables which conform to IEC, EIA, TIA and Telecordia standards. The cables are terminated with standard connectors for optimum performance.

Item	Code	Price	Item	Code	Price	Item	Code	Price
OM4 Multimode Patch Cables (50-/125-µm)			OM4 Multimode Patch Cables (50-/125-µm)			OM4 Multimode Patch Cables (50-/125-µm)		
LC—LC			ST—SC			MT-RJ—ST		
1-m	EFE450-001M-AQ	£9.78	1-m	EFE454-001M-AQ	£6.95	1-m	EFE457-001M-AQ	£8.25
2-m	EFE450-002M-AQ	£11.53	2-m	EFE454-002M-AQ	£8.70	2-m	EFE457-002M-AQ	£10.00
3-m	EFE450-003M-AQ	£13.28	3-m	EFE454-003M-AQ	£10.45	3-m	EFE457-003M-AQ	£11.75
5-m	EFE450-005M-AQ	£16.78	5-m	EFE454-005M-AQ	£13.95	5-m	EFE457-005M-AQ	£15.25
10-m	EFE450-010M-AQ	£25.53	10-m	EFE454-010M-AQ	£22.70	10-m	EFE457-010M-AQ	£24.00
15-m	EFE450-015M-AQ	£34.28	15-m	EFE454-015M-AQ	£31.45	15-m	EFE457-015M-AQ	£32.75
20-m	EFE450-020M-AQ	£43.03	20-m	EFE454-020M-AQ	£40.20	20-m	EFE457-020M-AQ	£41.50
LC—SC			SC—SC			MT-RJ—SC		
1-m	EFE451-001M-AQ	£8.48	1-m	EFE455-001M-AQ	£6.95	1-m	EFE458-001M-AQ	£8.25
2-m	EFE451-002M-AQ	£11.23	2-m	EFE455-002M-AQ	£8.70	2-m	EFE458-002M-AQ	£10.00
3-m	EFE451-003M-AQ	£11.96	3-m	EFE455-003M-AQ	£10.45	3-m	EFE458-003M-AQ	£11.75
5-m	EFE451-005M-AQ	£15.48	5-m	EFE455-005M-AQ	£13.95	5-m	EFE458-005M-AQ	£15.25
10-m	EFE451-010M-AQ	£24.23	10-m	EFE455-010M-AQ	£22.70	10-m	EFE458-010M-AQ	£24.00
15-m	EFE451-015M-AQ	£32.98	15-m	EFE455-015M-AQ	£31.45	15-m	EFE458-015M-AQ	£32.75
20-m	EFE451-020M-AQ	£41.73	20-m	EFE455-020M-AQ	£40.20	20-m	EFE458-020M-AQ	£41.50
LC—ST			MT-RJ—MT-RJ			LC—ST		
1-m	EFE452-001M-AQ	£8.48	1-m	EFE456-001M-AQ	£8.25	1-m	EFE459-001M-AQ	£8.88
2-m	EFE452-002M-AQ	£10.23	2-m	EFE456-002M-AQ	£10.00	2-m	EFE459-002M-AQ	£10.63
3-m	EFE452-003M-AQ	£11.96	3-m	EFE456-003M-AQ	£11.75	3-m	EFE459-003M-AQ	£12.38
5-m	EFE452-005M-AQ	£15.48	5-m	EFE456-005M-AQ	£15.25	5-m	EFE459-005M-AQ	£15.88
10-m	EFE452-010M-AQ	£24.23	10-m	EFE456-010M-AQ	£24.00	10-m	EFE459-010M-AQ	£24.63
15-m	EFE452-015M-AQ	£32.98	15-m	EFE456-015M-AQ	£32.75	15-m	EFE459-015M-AQ	£33.38
20-m	EFE452-020M-AQ	£41.73	20-m	EFE456-020M-AQ	£41.50	20-m	EFE459-020M-AQ	£42.13
ST—ST Duplex								
1-m	EFE453-001M-AQ	£6.95						
2-m	EFE453-002M-AQ	£8.70						
3-m	EFE453-003M-AQ	£10.45						
5-m	EFE453-005M-AQ	£13.95						
10-m	EFE453-010M-AQ	£22.70						
15-m	EFE453-015M-AQ	£31.45						
20-m	EFE453-020M-AQ	£40.20						



## Need help?

For help with these or any of our thousands of products, contact our FREE live 24/7 Technical Support team on **0118 965 6000** or visit [www.blackbox.co.uk](http://www.blackbox.co.uk).

**Ruggedised Fibre Optic Single-Mode OS1 Patch Cables (9/125-µm)**  
Ideal for long-distance applications



Item	Code	Price
Ruggedised Fibre Optic Single-Mode, OS1, Patch Cables (LSZH), Duplex		
1-m	EFE0XX-001M	<b>from £7.20</b>
2-m	EFE0XX-002M	<b>from £7.90</b>
3-m	EFE0XX-003M	<b>from £8.60</b>
5-m	EFE0XX-005M	<b>from £10.00</b>
10-m	EFE0XX-010M	<b>from £13.50</b>
15-m	EFE0XX-015M	<b>from £17.00</b>
20-m	EFE0XX-020M	<b>from £20.50</b>

To order, replace the "XX" with the number assigned to each connector.

LC—LC = 80	FC—FC = 85	SC/APC—SC/APC = 90
LC—SC = 81	ST—ST = 86	E-2000—SC = 91
LC—ST = 82	ST—SC = 87	E-2000—LC = 92
FC—ST = 83	SC—SC = 88	E-2000—E-2000 = 93
FC—SC = 84	ST/APC—ST/APC = 89	

**Ruggedised Fibre Optic Multimode OM1 Patch Cables (62.5/125-µm)**  
Fibre patch cords for high performance



Item	Code	Price
Ruggedised Fibre Optic Multimode, OM1, Patch Cables (LSZH)		
1-m	EFE0XX-001M-R	<b>from £6.03</b>
2-m	EFE0XX-002M-R	<b>from £6.90</b>
3-m	EFE0XX-003M-R	<b>from £7.78</b>
5-m	EFE0XX-005M-R	<b>from £9.53</b>
10-m	EFE0XX-010M-R	<b>from £13.90</b>
15-m	EFE0XX-015M-R	<b>from £18.28</b>
20-m	EFE0XX-020M-R	<b>from £22.65</b>

To order, replace the "XX" with the number assigned to each connector.

LC—LC Duplex = 70	ST—SC Duplex = 74	MT-RJ—SC Duplex = 78
LC—SC Duplex = 71	SC—SC Duplex = 75	MT-RJ—MT-RJ Duplex = 79
LC—ST Duplex = 72	MT-RJ—MT-RJ = 76	
ST—ST Duplex = 73	MT-RJ—ST Duplex = 77	

**Ruggedised Fibre Optic Multimode OM2 Patch Cables (50/125-µm)**  
Our premier fibre optic patch cords



Item	Code	Price
Ruggedised Fibre Optic Multimode, OM2, Patch Cables (LSZH)		
1-m	EFE0XX-001M-R	<b>from £6.03</b>
2-m	EFE0XX-002M-R	<b>from £6.90</b>
3-m	EFE0XX-003M-R	<b>from £7.78</b>
5-m	EFE0XX-005M-R	<b>from £9.53</b>
10-m	EFE0XX-010M-R	<b>from £13.90</b>
15-m	EFE0XX-015M-R	<b>from £18.28</b>
20-m	EFE0XX-020M-R	<b>from £22.65</b>

To order, replace the "XX" with the number assigned to each connector.

LC—LC Duplex = 50	ST—SC Duplex = 54	MT-RJ—ST Duplex = 57
LC—SC Duplex = 51	SC—SC Duplex = 55	MT-RJ—SC Duplex = 58
LC—ST Duplex = 52	MT-RJ—MT-RJ = 56	LC Duplex—MT-RJ = 59
ST—ST Duplex = 53		

**Ruggedised Fibre Optic Multimode OM3 Enhanced Patch Cables (50/125-µm)**  
Designed for Gigabit Ethernet up to 10 Gbps!



Item	Code	Price
Fibre Optic Multimode, OM3, Patch Cables (LSZH)		
1-m	EFE3XX-001M-AQ-R	<b>from £6.20</b>
2-m	EFE3XX-002M-AQ-R	<b>from £7.10</b>
3-m	EFE3XX-003M-AQ-R	<b>from £8.00</b>
5-m	EFE3XX-005M-AQ-R	<b>from £9.80</b>
10-m	EFE3XX-010M-AQ-R	<b>from £14.30</b>
15-m	EFE3XX-015M-AQ-R	<b>from £18.80</b>
20-m	EFE3XX-020M-AQ-R	<b>from £23.30</b>

To order, replace the "XX" with the number assigned to each connector.

LC—LC Duplex = 50	ST—SC Duplex = 54	MT-RJ—ST Duplex = 57
LC—SC Duplex = 51	SC—SC Duplex = 55	MT-RJ—SC Duplex = 58
LC—ST Duplex = 52	MT-RJ—MT-RJ = 56	LC Duplex—MT-RJ = 59
ST—ST Duplex = 53		

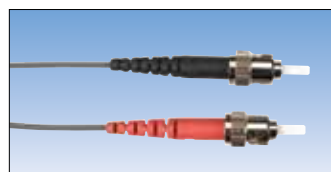
\* For purple cables remove -AQ from the part code

## Multicolour Fibre Optic Patch Cables

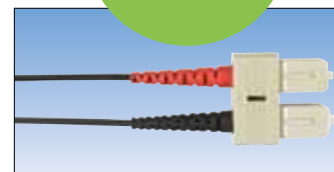
Introducing fibre patch cable with custom options and the convenience of standard part numbers.

Now with even more options

- Match Black Box fibre cable to your company, team, or school colours for that special networking application in the data centre and the desktop.
- Ideal for colour-coded applications.
- It's easy to build your own cable. Select from:
  - Core:
    - 62.5-micron multimode
    - 50-micron multimode
    - 9-micron single-mode
  - Length:
    - 13 lengths ranging from 1 to 30 metres
  - Connectors:
    - Four connectors (ST, SC, LC, and MT-RJ) in 10 different combinations.
  - Colours:
    - 12 colours
- Get high performance at data rates up to 1 Gbps at 850 nm.
- Higher data aggregation in the backbone, riser, and high-speed parallel interconnects (HSPIs).
- Full compatibility with a broad range of laser-based and legacy protocols and applications.
- Industry-leading CPC® coatings for superior microbend and environmental performance.
- **WARRANTY** — Lifetime.



ST connector



SC connector

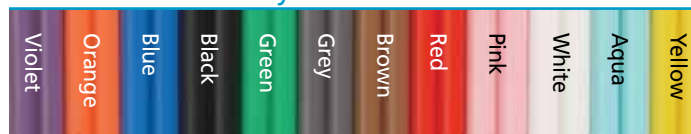


LC connector



MT-RJ connector

### Choose from as many as 12 colours!



### TECH SPECS

Bandwidth — 62.5-µm:	Legacy performance EMB:
Intermediate performance EMB:	850 nm: 500 MHz/km;
850 nm: 220 MHz/km;	1300 nm: 500 MHz/km
Legacy performance EMB:	Optimised Data Rate — 62.5-µm:
850 nm: 200 MHz/km;	850 nm: 1 Gbps over 300 m;
1300 nm: 500 MHz/km;	1300 nm: 1 Gbps over 550 m;
50-µm: Intermediate	50-µm: 1 Gbps over 600 m
performance EMB: 850 nm:	
510 MHz/km;	

Item	Code	Price
Multicolour Fibre Optic Patch Cables	See chart below	<b>CALL</b>

To order, call Customer Service at 0118 965 5100 or use our cable selector at [www.blackbox.co.uk](http://www.blackbox.co.uk).

Click and find at [www.blackbox.co.uk](http://www.blackbox.co.uk). Complete specifications for these cables.

### Buyer's Guide | Multicolour Fibre Optic Patch Cables

1	2	3	4	5	6	7
(Constant)	Jacket	Core Size	Length	M- (Constant)	Connectors	Colour
FO	CMR = PVC	62 = 62.5 Micron	001 = 1 Metre	M	STST = ST to ST	BL = Blue
		50 = 50 Micron OM2	002 = 2 Metres		SCSC = SC to SC	OR = Orange
		10 = 50 Micron OM3	003 = 3 Metres		LCLC = LC to LC	GN = Green
		SM = Single-Mode	004 = 4 Metres		MTMT = MT-RJ to MT-RJ	BR = Brown
			005 = 5 Metres		STSC = ST to SC	GR = Grey
			006 = 6 Metres		STLC = ST to LC	WH = White
			007 = 7 Metres		STMT = ST to MT-RJ	RD = Red
			008 = 8 Metres		SCLC = SC to LC	BK = Black
			010 = 10 Metres		LCMT = LC to MT-RJ	YL = Yellow
			015 = 15 Metres		SCMT = SC to MT-RJ	VT = Violet
			020 = 20 Metres			PK = Pink
			025 = 25 Metres			AQ = Aqua
			030 = 30 Metres			

**Examples of fibre optic cable codes.**  
 FOCMR62-001M-STST-BL = Cable with a PVC jacket, 62.5-micron core, 1-m length, ST-ST connectors in blue.  
 FOCMR50-008M-STLC-OR = Cable with a PVC jacket, 50-micron core, 8-m length, ST-LC connectors in orange.  
 FOCMRSM-030M-SCLC-YL = Cable with a PVC jacket, 9-micron core, 30-m length, SC-LC connectors in yellow.

Economy Fibre Optic Patch Panels  
Super economical and built tough!



JPM395A

JPM430A



JPM390A



- The panels feature female ST, SC or LC connectors on the front and back.
- LC connectors feature ceramic ferrules to withstand frequent plugging and unplugging.
- Panels are built tough. all are constructed of cold-rolled steel.
- Panels are only 1U high and fit standard 19" racks.
- The modular design supports custom configurations. You can even mix and match fibre and copper jacks.
- Simply snap in other types of compatible jacks (for details on which Black Box jack fittings work in the panel, call our FREE Tech Support.
- **WARRANTY** — Lifetime.

Item	Code	Price
Economy Fibre Patch Panels		
ST 16 Simplex Adapters	JPM395A	<b>£37.38</b>
24 Simplex Adapters	JPM425A	<b>£46.98</b>
SC 16 Simplex Adapters	JPM430A	<b>£47.98</b>
LC 16 Simplex Adapters	JPM390A	<b>£194.00</b>
◆ NOTE: Assembly required to load jacks.		

Rackmount Fibre Shelf

Limited rack or cabinet space? This 1U enclosure is the solution.

- Organise and protect fibre connections and splice trays in 19" or 23" racks.
- Panels are recessed horizontally.
- Splice tray stud enables you to install pigtail splice trays.
- Mount in cabinets and two-post racks.
- Accepts three snap-in adapter panels for connections.
- **WARRANTY** — 1 Year.



TECH SPECS

Material — 16-gauge cold-rolled steel

Dimensions — 4.4(H) x 43.2(W) x 27.9(D) cm

Item	Code	Price
Rackmount Fibre Shelf		
1U, 3-Adapter Panel	JPM407A-R4	<b>£145.86</b>

1U Sliding Fibre Optic Patch Panel

24 LC connectors and enclosed cable management tray.

- Multimode and Single-Mode options.
- Up to 24-Ports/48 Fibres.
- Includes 24 couplers.
- Fully loaded with LC Duplex couplers.
- Rear tray for pigtail splice tray mounting.

\* Panel, Adapters, Splice Bridge, 200-mm Cable Gland, (8) Fibre Management Clips.



TECH SPECS

Cable Entry Points — (2) x 20-mm and (2) x 25-mm  
Material — 1.2-mm powder coated cold-rolled steel

Dimensions — 4.4(H) x 48.2(W) x 20.5(D) cm

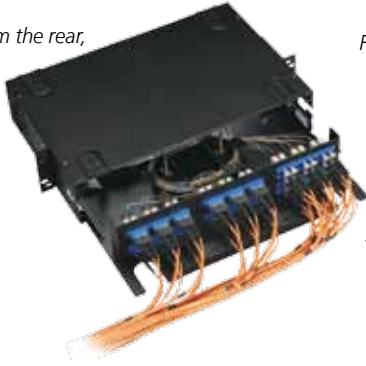
Item	Code	Price
1U Sliding LC Fibre Optic Patch Panel		
24-Port LC Multimode	JPU24LCMM	<b>£69.99</b>
24-Port LC Single-Mode	JPU24LCSM	<b>£108.79</b>

## Rackmount Fibre Cabinets

2U and 3U cabinets for 19" or 23" rackmount applications.

To access the cabinet from the rear, fold open the back door.

Each side has a large cable access opening for routing cables horizontally.



Four rubber grommet openings enable you to route cable top to bottom.

Include interior cable ties and black spool rings to hold and store cable.

The inner tray pulls out for easy access to the adapter panels.



### TECH SPECS

Material — 16-gauge cold-rolled steel  
 Dimensions — JPM418A-R4, JPM419A: 8.9(H) x 43.2(W) x 27.9(D) cm;  
 JPM406A-R5: 13.3(H) x 43.2(W) x 29.2(D) cm

- Satisfy your requirements for maximum flexibility and high-density terminations. Just snap in up to 6, 9 or 12 adapter panels.
- Smoked-plastic front door protects makes it easy to view connections.
- Front covers are lockable.
- A removable rear cover makes patch cords and pigtails accessible.
- Includes mounting brackets and 10-32 and 12-24 screws.
- **WARRANTY** — Lifetime.

Item	Code	Price
Rackmount Fibre Cabinets		
2U 6-Adapter Panel	JPM418A-R4	£211.00
2U 9-Adapter Panel	JPM419A	£240.00
3U 12-Adapter Panel	JPM406A-R5	£255.95

## Fibre Wall Cabinets

Low-profile fibre enclosures for limited-space areas.

### Open-Style Cabinets

- Low-profile cabinet conserve wall space and can be mounted almost anywhere.
- Interconnect to active equipment or patch vertical or horizontal runs.
- Snap in up to 2 or 4 adapter panels (**below**).

### Lock-Style Cabinets

- Use when installing secure fibre networks.
- Separate lockable covers provide access to the user's side and the technician's side.
- Feature full front access.
- Snap in up to 4 or 12 adapter panels (**below**).



### TECH SPECS

Material — 16-gauge cold-rolled steel  
 Dimensions — JPM400A-R2: 26.7(H) x 21.6(W) x 6.4(D) cm;

JPM401A-R2 — JPM402A-R2: 30.7(H) x 35.6(W) x 8.6(D) cm;  
 JPM403A-R2: 40.6(H) x 35.6(W) x 16.5(D) cm

Item	Code	Price
Fibre Wall Cabinets		
Open-Style		
2-Adapter Panel	JPM400A-R2	£43.00
4-Adapter Panel	JPM401A-R2	£86.00
Lock-Style		
4-Adapter Panel	JPM402A-R2	£96.00
12-Adapter Panel	JPM403A-R2	£168.00

## Adapter Panels

It's a snap to add connectors to your enclosure.



- Adapters snap easily into the fibre enclosures.
- **WARRANTY** — 1 Year.

Item	Code	Price
Standard Adapter Panels, Duplex Fibre		
(3) ST Pairs	JPM404A-R2	£9.89
(3) SC Pairs	JPM405A-R2	£11.43
(6) MT-RJ Pairs	JPM409A-R2	£16.83
(6) LC Pairs	JPM410A-R2	£28.99
4-Pack Jacks, Unloaded	JPM417A	£22.60
Blank Adapter Panel	JPM408A-R2	£3.11

Item	Code	Price
HD Fibre Adapter Panels		
(4) ST Pairs	JPM411A-R2	£12.11
(6) SC Duplex Pairs		
Blue	JPM412A-R2	£19.74
Grey	JPM420A	£19.74
Beige	JPM421A	£19.74
Yellow	JPM413A	£76.06
Orange	JPM414A	£76.06
(6) ST Pairs - (6) SC Pairs		
	JPM415A-R2	£18.29
(8) MT-RJ Pairs	JPM416A-R2	£19.11
(12) LC Pairs	JPM422A	£56.90

### No-Adhesive Mechanical Splice

Make fast, twist-action multimode or single-mode fibre splices.

- Makes quick, clean, no-adhesive fibre cable splices.
- Insert a stripped and cleaved fibre cable into each end of the splice and twist. A cam locks the fibre into position for accurate alignment.
- Works with 250- or 900-µm cladding.



Item	Code	Price
No-adhesive Mechanical Splice (6-Pack)	FO030	£119.00

### Fibre Optic Cleaver

Cut fibre cleanly.

- High precision cleaver.
- One push cuts fibre cable cleanly.



Item	Code	Price
Fibre Optic Cleaver	FT538	£295.00

### Splice Tray

Terminate long runs in this compact unit.

- Supports up to 24 splices.
- Maintains 30-mm bend radius.
- Allows storage of 250µm or 900µm fibre.
- Supports either heatshrink or crimp style splice protector.
- May be stacked.



Item	Code	Price
Fibre Splice Tray, Heatshrink Style	JPU001-H	£4.49
Fibre Splice Tray, Crimp Style	JPU002-C	£4.49

### Fibre Cable Manager

Maintain correct bend radius with this versatile manager.

- Maintains 30-mm bend radius.
- Six segments — may be split.
- Includes self-adhesive mounting pad.
- May be stacked.

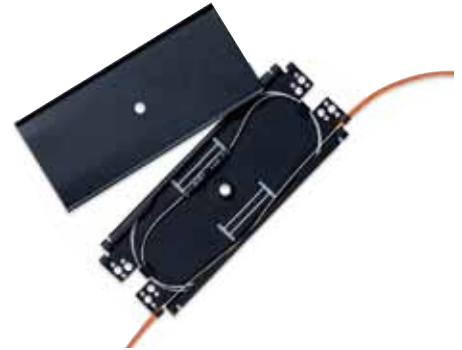


Item	Code	Price
Fibre Cable Manager	JPU006	£2.25

### No-adhesive Mechanical Splice Tray

Organises and protects fibre splices.

- Protects and organises up to six splices.
- Use No-adhesive Mechanical Splices (FO030).



Item	Code	Price
No-Adhesive Mechanical Splice Tray	WP602	£38.95

### Pre-Polished Fibre Connectors

Terminate fibre in a minute - no more hand polishing in the field.



- Pre-polished ferrules for fast field connections.
- Easy assembly with no need for epoxy.
- Fibre can be resealed.
- Factory polishing eliminates loss concerns.
- Meets TIA/EIA 568A performance requirements and TIA/EIA 604 (focus) connector interface specifications.
- Use to terminate 2-mm, 3-mm or 900-micron fibre.
- **WARRANTY** — Lifetime.

Item	Code	Price
Pre-polished Fibre Optic Connectors, 12-Pack		
50-Micron		
SC	PP-SC-50MM	£106.00
ST®	PP-ST-50MM*	£81.00
LC	PP-LC-50MM	£117.00
62.5-Micron		
SC	PP-SC-625MM	£106.00
ST®	PP-ST-625MM	£111.00
LC	PP-LC-625MM	£117.00
Single-Mode		
SC	PP-SC-SM	£134.00
ST®	PP-ST-SM	£127.00
LC	PP-LC-SM	£174.00
50-Micron 10-GbE		
SC	PP-SC-50MM-10G	£112.00
ST®	PP-ST-50MM-10G*	£118.00
LC	PP-LC-50MM-10G	£117.00

\* NOTE: PP-ST-50MM and PP-ST-50MM-10G are 10-packs, not 12-packs.

## Fibre Optic Pigtails

Get the best terminations for your fibre installation.

- All terminations exceed performance parameters set by industry standards.
- Full traceability and test certification supplied with each assembly.
- 900-µm tight-buffered fibre optic cable.
- Multimode and single-mode versions available in ST, SC, FC, LC and E-2000 connector types.
- **WARRANTY** — 2 Years.

Fibre Optic Pigtails are essential when terminating cables within splice enclosures. Using these pre-polished assemblies reduces the risk of poor connector termination.

Plus, in addition to the standard versions shown here, we can also make customised pigtails that meet your needs. From industry-standard 62.5-/125-µm multimode to 9-/125-µm single-mode all the way up to state-of-the-art OM3 50-/125-µm cable assemblies, we can supply them all!



NOTE: Other lengths and connector versions available on request.

### TECH SPECS

Cable Type — Low-Smoke Zero Halogen  
 Fibre Type — OM1/OM2/OM3/OS1  
 Connector Type — Multimode: ST simplex, SC simplex, LC simplex, MT-RJ and E-2000  
 Single-Mode: UPC ST simplex, SC simplex, LC simplex, MT-RJ, E-2000 (APC available on request)  
 Fibre Diameter — 900-µm tight-buffered  
 Mating Durability — 1000 cycles, clean every 25 ≤ .2dB change  
 Insertion Loss — ≤0.3dB  
 Operating Temperature — -20 to + 60°C  
 Reflectance — Single-Mode ≥ -50dB  
 Pigtail Length — 1-m

Item	Code	Price	Item	Code	Price
<b>Pigtails, OS1 Single-Mode</b>			<b>Pigtails, OM2 50-/125-µm Multimode</b>		
ST, 1-m	EFE186-001M-P	<b>£1.64</b>	ST, 1-m	EFE273-001M-P	<b>£1.44</b>
SC, 1-m	EFE188-001M-P	<b>£1.64</b>	SC, 1-m	EFE275-001M-P	<b>£1.44</b>
LC, 1-m	EFE180-001M-P	<b>£2.22</b>	LC, 1-m	EFE270-001M-P	<b>£2.00</b>
MT-RJ, 1-m	EFE187-001M-P	<b>£6.67</b>	MT-RJ, 1-m	EFE276-001M-P	<b>£5.33</b>
MT-RJ, 1-m	EFE189-001M-P	<b>£11.33</b>	E-2000, 1-m	EFE279-001M-P	<b>£11.33</b>
MT-RJ, 1-m	EFE183-001M-P	<b>£1.98</b>	<b>Pigtails, OM3 50-/125-µm Multimode</b>		
<b>Pigtails, OM1 62.5-/125-µm Multimode</b>			ST, 1-m	EFE373-001M-P	<b>£1.56</b>
ST, 1-m	EFE173-001M-P	<b>£1.44</b>	SC, 1-m	EFE375-001M-P	<b>£1.56</b>
SC, 1-m	EFE175-001M-P	<b>£1.44</b>	LC, 1-m	EFE370-001M-P	<b>£2.33</b>
LC, 1-m	EFE170-001M-P	<b>£2.00</b>	MT-RJ, 1-m	EFE376-001M-P	<b>£6.00</b>
MT-RJ, 1-m	EFE176-001M-P	<b>£6.60</b>	E-2000, 1-m	EFE379-001M-P	<b>£11.56</b>

## FAST Fibre Connector Kit

Industry-standard tools for terminating and cleaning fibre optic cable.



- Provides all the necessary installation tools for preparing 250-µm or 900-µm fibres applied to AFL Telecommunications' new pre-polished FAST™ connectors.
- Has a storage area for extra FAST connectors so you'll have them at the job site if needed.
- Features a compact design and a flexible yet rugged case.
- Applications include premise environments, LAN fibre-to-the-desktop environments, patch panel/wiring closets, FTTx applications and quick repair and replacement situations.
- **WARRANTY** — 1 Year.

The FAST Fibre Connector Kit provides all the installation tools required to prepare 250-µm or 900-µm fibres, or 2-mm or 3-mm cabling for AFL's pre-polished FAST connectors.

The kit includes a universal multimode/single-mode cleaver with a 16-position blade and built-in fibre scrap collector, a fibre stripper, a strip/cleave template and much more.

### What's included:

- High-precision fibre cleaver
- Fibre stripper
- Fibre strip/cleave template
- Kevlar® Scissors
- Marker pen
- Fibre prep cleaning fluid
- Lint-free cloth wipes
- Assembly video
- Carrying case
- User's Manual

Item	Code	Price
FAST Fibre Connector Kit	CS001201-SP	<b>£1,079.00</b>

