

Flat Ribbon Fibre Optic Patch Cable (4-12 Fibres)

Optronics flat ribbon fibre optic patch cable is constructed with 4 - 12 ribbonised optical fibres protected by soft aramid yarns and an LSZH jacket. Ideal for use in office LAN connections, patchcords and internal point-to-point links where frequent handling is likely (e.g. data cabinets, equipment rooms, user outlets).

Features/Benefits

- > Choice of fibre type
- > Choice of outer diameter
- > High strength aramid yarn strength members for ease of handling
- > Easy to strip
- > LSZH jacket

Applications

- > Patchcords
- > Pigtails
- > Internal inter-connections

Technical Specifications

DESCRIPTION		4-CORE LSZH	6-CORE LSZH	8-CORE LSZH	12-CORE LSZH
Outer Diameter	mm	3.5*2.5	3.8*2.5	4.5*2.5	5.0*2.5
Weight	kg/km	14	15	17	19
Max. Load (installation)	N	200	200	200	200
Max. Load (installed)	N	80	80	80	80
Min. Bend Radius (installation)	Times	35	35	35	35
Min. Bend Radius (installed)	Times	25	25	25	25
Fire Performance		LSZH	LSZH	LSZH	LSZH
Operating Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60
Storage Temp.	°C	-20~+70	-20~+70	-20~+70	-20~+70
Installation Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60
Crush Resistance	N/100mm	500	500	500	500

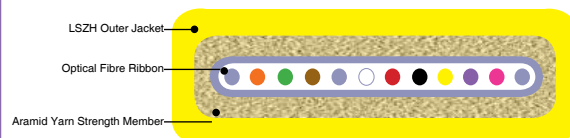
Ordering Information

PRODUCT DESCRIPTION	PART NO.
OM1	OM1RIBBONOR**-C/Z
OM2	OM2RIBBONOR**-C/Z
OM3	OM3RIBBONAQ**-C/Z
OM4	OM4RIBBONAQ**-C/Z
OS1/OS2	OS1RIBBONYE**-C/Z

Where ** is the fibre count between 4 & 12



Fire Retardant Internal Use Standard Length



Round Duplex Fibre Optic Patch Cable

Optronics round duplex fibre optic patch cable is constructed with two tight buffered fibres protected by aramid yarns and an LSZH jacket. Ideal for use in office LAN connections, patchcords, pigtails and internal point-to-point links where frequent handling is likely (e.g. data cabinets, equipment rooms, user outlets). Utilising 600µm or 900µm buffered fibre, the cable unit is suitable for use with industry standard connectors and can be easily made into a patchcord.

Features/Benefits

- > Choice of fibre types
- > Choice of cable outer diameters
- > High strength aramid yarn strength members for ease of handling
- > Easy stripping
- > LSZH jacket for internal use

Applications

- > Patchcords
- > Pigtails
- > Internal inter-connections

Technical Specifications

DESCRIPTION		2-CORE LSZH	2-CORE LSZH
Outer Diameter	mm	3.0	5.0
Weight	kg/km	8	20.9
Max. Load (installation)	N	190	160
Max. Load (installed)	N	80	80
Min. Bend Radius (installation)	Times diameter	20	20
Min. Bend Radius (installed)	Times diameter	10	10
Fire Performance		LSZH	LSZH
Operating Temp.	°C	-20~+60	-20~+60
Storage Temp.	°C	-20~+60	-20~+70
Installation Temp.	°C	-20~+60	-20~+60
Crush Resistance	N/100mm	1000	1000

Ordering Information

PRODUCT DESCRIPTION	PART NO.	PRODUCT DESCRIPTION	PART NO.
OM1 62.5/125 µm Multimode		OM3 50/125 µm Multimode	
2-Core 5mm	OM1ROUNDOR-C/Z	2-Core 5mm	OM3ROUNDQAQ-C/Z
OM2 50/125 µm Multimode		OM4 50/125 µm Multimode	
2-Core 5mm	OM2ROUNDOR-C/Z	2-Core 5mm	OM4ROUNDQAQ-C/Z
OS1/OS2 9/125 µm Singlemode		Other diameters are available upon request.	
2-Core 5mm	OS1ROUNDYE-C/Z		



Internal Use Fire Retardant Standard Length



Simplex Fibre Optic Patch Cable

Optronics simplex fibre optic patch cable is ideal for use in office LAN connections, patchcords, pigtails and internal point-to-point links where frequent handling is likely (e.g. data cabinets, equipment rooms, user outlets). Utilising 600µm or 900µm buffered fibre, the cable is suitable for use with industry standard connectors and can be easily made into a patchcords.

Features/Benefits

- > Choice of fibre types
- > Choice of cable outer diameters
- > High strength aramid yarn strength members for ease of handling
- > Robust 600µm tight buffered fibres for ease of termination
- > Easy stripping
- > LSZH jacket for internal use

Applications

- > Patchcords
- > Pigtails
- > Internal inter-connections

Technical Specifications

DESCRIPTION		1-CORE LSZH	1-CORE LSZH	1-CORE LSZH	1-CORE LSZH	1-CORE LSZH
Outer Diameter	mm	1.6	1.8	2.0	2.4	3.0
Weight	kg/km	2.9	3.2	3.5	5.0	6.8
Max. Load (installation)	N	80	80	100	100	150
Max. Load (installed)	N	40	40	60	60	80
Min. Bend Radius (installation)	Times diameter	20	20	20	20	20
Min. Bend Radius (installed)	Times diameter	10	10	10	10	10
Fire Performance		LSZH	LSZH	LSZH	LSZH	LSZH
Operating Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Storage Temp.	°C	-20~+70	-20~+70	-20~+70	-20~+70	-20~+70
Installation Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Crush Resistance	N/100mm	500	500	500	500	500

Ordering Information

PRODUCT DESCRIPTION		PART NO.	PRODUCT DESCRIPTION		PART NO.
OM1 62.5/125 µm Multimode			OM3 50/125 µm Multimode		
1-Core 2.0mm		OM1SIMOR2MM6-C/Z	1-Core 2.0mm		OM3SIMAQ2MM6-C/Z
1-Core 3.0mm		OM1SIMOR-C/Z	1-Core 3.0mm		OM3SIMAQ-C/Z
OM2 50/125 µm Multimode			OM4 50/125 µm Multimode		
1-Core 2.0mm		OM2SIMOR2MM6-C/Z	1-Core 2.0mm		OM4SIMAQ2MM6-C/Z
1-Core 3.0mm		OM2SIMOR-C/Z	1-Core 3.0mm		OM4SIMAQ-C/Z
OS1/OS2 9/125 µm Singlemode					
1-Core 2.0mm		OS1SIMYE2MM6-C/Z			
1-Core 3.0mm		OS1SIMYE-C/Z			

Other diameters are available upon request.



Zip Duplex Fibre Optic Patch Cable

Optronics Zip Duplex fibre optic patch cable is constructed with two simplex units joined together with a central web. Ideal for use in office LAN connections, patchcords, pigtails and internal point-to-point links where frequent handling is likely (e.g. data cabinets, equipment rooms, user outlets). Utilising 600µm or 900µm buffered fibre, the cable is suitable for use with industry standard connectors and can be easily made into a patchcord.

Features/Benefits

- > Choice of fibre type
- > Choice of outer diameter
- > High strength aramid yarn strength members for ease of handling
- > Robust 600µm tight buffered fibres for ease of termination
- > Easy stripping
- > LSZH jacket for internal use

Applications

- > Patchcords
- > Pigtails
- > Internal inter-connections

Technical Specifications

DESCRIPTION		2-CORE LSZH	2-CORE LSZH	2-CORE LSZH	2-CORE LSZH
Outer Diameter	mm	1.6*3.3	1.8*3.7	2.0*4.1	2.8*5.7
Weight	kg/km	5.7	6.7	8.2	13.2
Max. Load (installation)	N	160	160	200	300
Max. Load (installed)	N	80	80	100	160
Min. Bend Radius (installation)	Times diameter	20	20	20	20
Min. Bend Radius (installed)	Times diameter	10	10	10	10
Fire Performance		LSZH	LSZH	LSZH	LSZH
Operating Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60
Storage Temp.	°C	-20~+70	-20~+70	-20~+70	-20~+70
Installation Temp.	°C	-20~+60	-20~+60	-20~+60	-20~+60
Crush Resistance	N/100mm	1000	1000	1000	1000

Ordering Information

PRODUCT DESCRIPTION		PART NO.	PRODUCT DESCRIPTION		PART NO.
OM1 62.5/125 µm Multimode			OM3 50/125 µm Multimode		
2-Core 2.0mm		OM1ZIPOR2MM6-C/Z	2-Core 2.0mm		OM3ZIPAQ2MM6-C/Z
2-Core 2.8mm		OM1ZIPOR-C/Z	2-Core 2.8mm		OM3ZIPAQ-C/Z
2-Core 2.0mm		OM2ZIPOR2MM6-C/Z	2-Core 2.0mm		OM4ZIPAQ2MM6-C/Z
2-Core 2.8mm		OM2ZIPOR-C/Z	2-Core 2.8mm		OM4ZIPAQ-C/Z
2-Core 2.0mm		OS1ZIPYE2MM6-C/Z	Other diameters are available upon request.		
2-Core 2.8mm		OS1ZIPYE-C/Z			

