

Simplex Fibre Optic Patch Cable

Optronics simplex fibre optic patch cable is ideal for use in office LAN connections, patchcords, pigtailed 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
- > Pigtailed
- > 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			Other diameters are available upon request.		
1-Core 2.0mm	OS1SIMYE2MM6-C/Z				
1-Core 3.0mm	OS1SIMYE-C/Z				

