

Indoor Optical Fiber Cable

Duplex Optical Fiber Cables

Suitable for indoor use in short haul links and patchcord pigtail assemblies. The cords are reinforced with aramid yarn and designed to fit any standard connector type. The tight buffer is easy to strip allowing fast and reliable splicing and connector mounting. The outer sheath is color coded and marked to show the fiber type and cable type.

Teracom indoor cables are constructed with highest quality optical fibers from internationally reputed manufacturers and the cable manufacturing is done under strict quality assurance system adhering to **ISO 9001** Quality System.

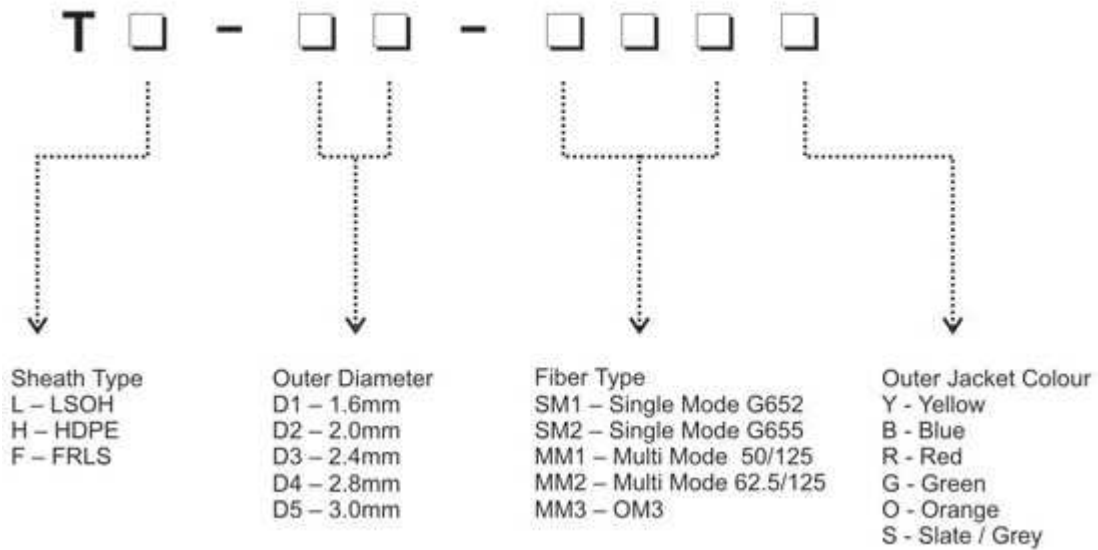


Features	Benefits
<ul style="list-style-type: none"> ‣ Resilient and Flexible ‣ Flame Retardant ‣ Standardised ‣ High performance Tight Buffered Coating 	<ul style="list-style-type: none"> Ideal for Jumpers, Patch cords and Pigtails. Best for indoor installation. Usable with all standard fiber optic connector. Gives environmental and mechanical protection.

Specifications						
Characteristics	Cable Type					
	Units	D1	D2	D3	D4	D5
Buffer Diameter/Outer Diameter	mm/mm*mm	0.6/1.6*3.4	0.9/2.0*4.1	0.9/2.4*4.9	0.9/2.8*5.7	0.9/3.0*6.0
Nominal Cable weight	kg/km	4.8	7.2	10.6	12.8	16.2
Minimum Bend Radius	mm	30	30	40	40	40
Operating Temperature	°C	-20 to +55	-20 to +55	-20 to +55	-20 to +55	-20 to +55
Storage Temperature	°C	-20 to +70	-20 to +70	-20 to +70	-20 to +70	-20 to +70
Crush Resistance	N/cm	400	500	550	650	750
Tensile Load Rating						

Short Term(Loaded)	N	160	360	440	440	640
Long Term(Installed)	N	80	160	200	200	320

Ordering Information



Multimode Fiber Specifications				
Characteristic		MM1	MM2	MM3
Attenuation dB/km	850nm	2.4	3	2.7
	1300nm	0.5	0.7	0.8
Bandwidth (Min) MHz.km	850nm	200	500	1500
	1300nm	500	500	500
Index of Refraction	850nm	1.490	1.496	1.490
	1300nm	1.486	1.487	1.486
Numerical Aperture		0.200 +/- 0.015	0.275 +/- 0.015	0.200 +/- 0.015