

Zip-Duplex Cable

DESCRIPTION

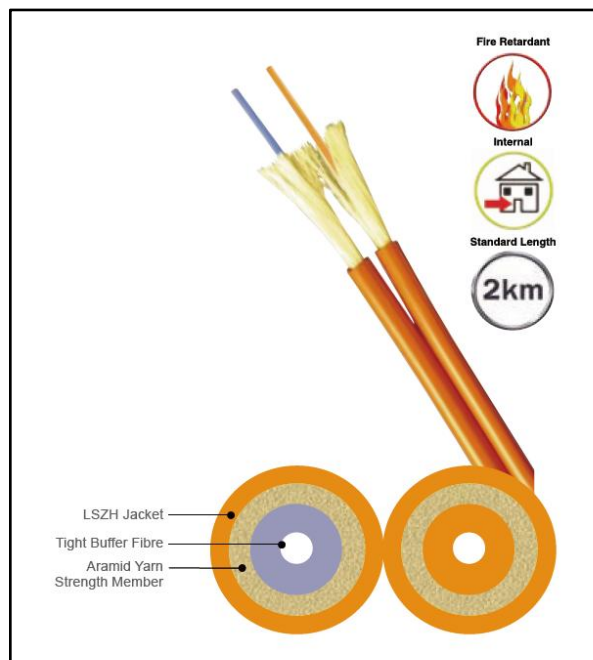
Zip Duplex fibre optic patch cable is constructed with two simplex units joined together with a central web. Ideal for use in office LAN connections, patchcords, pigtailed and internal point-to-point links where frequent handling is likely (e.g. data cabinets, equipment rooms, user outlets), Utilising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

FEATURES

- Choice of fiber types
- Choice of cable outer diameters
- High strength Kevlar yarn, high performance outer sheath
- Good mechanical and environmental performance
- Soft, flexible, easy to installation

APPLICATIONS

- Distribution cable
- Indoor cabling, for FTTx
- Data center
- Multi cores pigtailed and patchcords



SPECIFICATIONS

Cable construction

Parameter		Value			
Fiber count		2F			
Fiber type		G652D/G657A1/G657A2/OM1/OM2/OM3/OM4/OM5			
Tight buffer	Material	LSZH			
	Color	White/Orange			
	Diameter(mm)	0.9±0.05			
Strength member	Material	Kevlar yarn			
Outer sheath	Material	LSZH/LSZH-FR			
	Color	Customized			
	Diameter(mm)	2.8±0.1*5.6±0.2mm			
Outer Diameter(mm)		1.6*3.3	1.8*3.7	2.0*4.1	2.8*5.7
Weight(kg/km)		4.6	5.2	7.2	14
Installation Temperature(°C)		-20~60			
Operation temperature(°C)		-20~60			
Min Bending Radius(mm)	Long term	10D			
	Short term	20D			
Max. Load(N)	Installation	140	160	160	250
	Installed	70	80	80	120
Crush Resistance (N/100mm)		1000			

Zip-Duplex Cable

Fiber

Parameter		Value
Attenuation	850nm	≤0.3 dB/KM
	1300nm	≤1.5 dB/KM
Minimum Modal Bandwidth	850nm	200MHz.km
	1300nm	600MHz.km
Zero dispersion wavelength		1320-1365nm
Zero dispersion slope		≤0.097 ps/nm ² .km
Backscatter(1300nm)		-
Step (mean of bidirectional measurement)		≤0.10 dB
Irregularities over fiber length and point discontinuity		≤0.10 dB
Attenuation uniformity		≤0.10 dB/KM
Numerical Aperture		0.275±0.015
Group Refractive index	850nm	1.496
	1300nm	1.491
Cladding diameter		124.8 ± 1μm
Cladding non-circularity		≤1%
Coating diameter		254 ± 7μm
Coating-cladding concentricity error		≤12.0μm
Coating non-circularity		≤6.0%
Core-cladding concentricity error		≤1.5μm

ORDERING INFORMATION

1-2	3	4	5	6	7	8	9	10-12
Category	Cable count	Cable diameter (mm)	Fiber type	Application Environment	Cable structure	Outer sheath	Color	Serial code
11	1=2FO	J=1.6*3.3	0=G657A2	1=Indoor	2=Zipcord	0=LSZH	C=Customized	3 Serials numb er
		M=1.8*3.7	1=G652D			5=LSZH-FR		
		N=2.0*.4.1	2=G657A1					
		Q=2.8*5.7	3=OM1					
			4=OM2					
			5=OM3					
			6=OM4					
		7=OM5						

Non contractual pictures