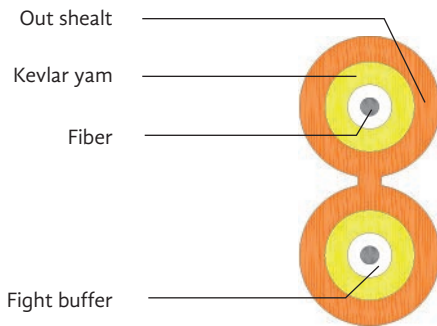


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CABLE FO DUPLEX MM LSZH 2mm GJFJH-02-A1B-62.5



CHARACTERISTICS

- Hight strength kevlar yarn member.
- High quality tight buffered or loose tube.
- Soft and easy to strip.
- Round construction.

APPLICATION

- Adopted to indoor distribution..
- As pigtail of communication equipment.
- Suitable for communication equipment served.
- Can be installed conveniently and perated simply.

FIBER TECHNICAL PARAMETER

Item	Single Mode B1 (G.652D)	Multi-mode			
		A1a	A1b	OME	OM4
Mode field diameter (um)	9.0±0.4	50±2.5	62.5±2.5	50±2.5	50±2.5
Core/Clad concentricity error (um)	≤0.5	≤1.5	≤1.5	≤1.5	≤1.0
Cladding diameter (um)	125.0±1.0	125.0±1.0	125.0±1.0	125.0±1.0	124.8±1.0
Cladding non-circularity (%)	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
Cladding/Coating concentricity error (um)	≤12.0	≤12.0	≤12.0	≤12.0	≤12.0
uncolored fiber Coating diameter (um)	245±7	245±7	245±7	245±7	245±7

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CABLE CONSTRUCTION DETAILS

Item	Wavelength	Technical Index				
		B1 (G.652D)	A1a	A1b	OM3	OM4
Attenuation coefficients (dB/km)	850 nm	/	≤2.3	≤2.7	≤2.4	≤2.3
	1300 nm	/	≤0.6	≤0.6	≤0.7	≤0.6
	1310 nm	≤0.34	/	/	/	/
	1550 nm	≤0.23	/	/	/	/
OFL Bandwidth	850 nm	/	/	/	≥1500	≥3500
	1300 nm	/	/	/	≥500	≥500
Effective Mode Bandwidth (MHZ·km)	850 nm	/	≥600	≥200	≥2000	≥4700
	1300 nm	/	≥1200	≥600	≥500	≥500
Dispersion coefficients (ps/nm·km)	1288~1239nm	≤3.4	/			
	1550nm	≤17.5	/			
Application support distance on:						
10 Gigabit Ethernet SX	850nm		86m	26m	300m	550m
1 Gigabit Ethernet SX	850nm		600m	220m	1000m	1000m
1 Gigabit Ethernet LX	1300nm		1000m	600m	600m	600m

PRODUCT CONFIGURATION AND CAPABILITY PARAMETER

Product descriptions	Optical fiber of 245 um in O.D. tight wrapped by PVC and LSZH tight buffer, excellent flexibility, easily peel-off, easily to lay out and fuse, flame retardant, low attenuation, wide application range.	
Type spec.	Tight buffer fiber diameter : 0.6mm and 0.9mm	
Fiber type	Single-mode: G.652 and G.655 Multi-mode: OM1(62.5/125), OM2(50/125), or OM3	
Tight buffer material	Flame retardant PVC, LSZH, or other materials consulted with customers	
Configuration dimension	Tight buffer O.D	0.9±0.05mm
	Tight buffer thickness	0.32±0.01
Net weight per kilometer(kg/km)	0.83kg/km	
Allowable bending radius	During service	≥30mm
	During installation	≥60mm
Temperature characteristics	Range: -20~+60°C	Fiber additional attenuation : ≤0.1dB/km
Color standard	Fiber color	Natural color or as customer request.
	Tight buffer color	Blue, orange, green, brown ,gray ,white ,red, black, yellow, Violet, pink, turquoise or as customer request.
Packing	Drum	Flange diameter: 390mm, Drum barrel diameter : 220mm Inside drum barrel width: 340mm
	Box	Length: 425mm , width: 400mm , height: 445mm

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CABLE FO DUPLEX MM LSZH 2mm GJFJH-02-A1B-62.5
MULTI-CORE BUNCH CABLE CAPABILITY PARAMETERS

Aramid yarn	3160 dtex produced by DuPont company					
Sheath	Flame retardant PVC, LSZH,TPU or other materials consulted with customers					
Configuration dimension	Core count		2 cores	4 cores	12 cores	12 cores
	Cable O.D. (±0.05)		2.0*4.2	4.6	5.0	6.3
	Outer sheath thickness (±0.05)		0.38	0.75	0.75	0.75
	Tight buffer O.D.		0.9±0.05mm	0.9±0.05mm	0.9±0.05mm	0.9±0.05mm
Net weight per kilometer(kg/km)			10	19	22	30
Mechanical capabilities	Allowable tensile strength:					
	Short term		≥200N		600N	
	Long term		≥100N		300N	
	Allowable bending radius (mm)	During service	≥20	≥46	≥50	≥63
		During installation	≥40	≥92	≥100	≥126
Temperature characteristics	Range: -20~+60℃		Fiber additional attenuation : ≤0.1dB/km			
Color standard	Fiber color		Natural color or as customer request.			
	Tight buffer color		Blue, orange, green, brown ,gray ,white ,red, black, yellow, violet, pink ,turquoise			
	Sheath color		Single-mode cable: yellow; Multi-mode cable: orange; Or as customer request.			
Surface markings	Manufacturer type & size manufacture year length or as customer request.					
Packing	Drum	Flange diameter: 600mm, Packing Drum Drum barrel diameter : 310mm Inside drum barrel width: 450mm				

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CABLE FO DUPLEX MM LSZH 2mm GJFJH-02-A1B-62.5

TECHINCAL PARAMETERS

Out sheath Diameter	Tight buffer Diameter	Weight	Minimum allowable Tensile Strength		minimum allowable Crush Load		Minimum Bending Radius		Storage temperatur
			short term						
1.6×3.4	0.6	4.80	150	80	500	100	20D	10D	-20+60
1.8×3.8	0.6	5.00	150	80	500	100	20D	10D	-20+60
2.0×4.2	0.9	7.00	150	80	500	100	20D	10D	-20+60
2.4×5.0	0.9	9.00	150	80	500	100	20D	10D	-20+60
2.8×5.8	0.9	11.50	150	80	500	100	20D	10D	-20+60
3.0×6.2	0.9	12.50	150	80	500	100	20D	10D	-20+60

ORDEN DE PEDIDO

CÓDIGO	DESCRIPCIÓN
TEFOCACE4932	TX CABLE FO DUPLEX MM LSZH 2mm GJFJH-02-A1B-62.5