ZIP-CORD CABLE – LSZH - DATASHEET

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TIGHT BUFFER ZIP-CORD

DESCRIPTION

Commonly used in the manufacture of patch cords, to interconnect fiber optic equipment.





1. Optical Fiber
2. Coating Fiber
3. Tight-buffer
4. Strength Member
5. Outer Jacket

APPLICABLE STANDARDS

• ISO/IEC 11801 • EN 50173-1 • EN50575 • IEC 60794-2 • IEC 60332-1-[1,2] • IEC 60754-[1,2] • IEC 61034-[1,2] • ANSI/TIA-568-C • IEC 60793 • ITU G651.1 • ITU G652; • ITU G657

CPR · LSZH · 25 YEARS WARRANTY

CABLE PROPERTIES

		Cable Diameter 2 mm		Cable Diameter 3 mm	
Number of Fibers		1	2	1	2
Optical Fiber	Dimension (µm)	245 ± 5	245 ± 5	245 ± 5	245 ± 5
	Color	Natural	Natural	Natural	Natural
Tight-buffered Fiber	Dimension (µm)	900 ± 50	900 ± 50	900 ± 50	900 ± 50
	Material	LSZH	LSZH	LSZH	LSZH
	Color	White	White and Blue	White	White and Blue
Strenght Member		Aramid Yarn	Aramid Yarn	Aramid Yarn	Aramid Yarn
Outer Jacket	Material	LSZH	LSZH	LSZH	LSZH
	Color	OM2 - Orange; OM3 - Aqua; OM4 - Purple; OM5 - Lime Green; OS2 - Yellow			

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

		Cable Diameter 2 mm		Cable Diameter 3 mm	
Number of Fibers		1	2	1	2
Tensile Strength (Long Term)	N	60	120	250	300
Tensile Strength (Short Term - Installation)	N	120	240	500	600
Impact	J	1	1	1	5
Torsion		5 cycles ± 1 turn			
Crush	N/10cm	2000	500	2000	500
Min. Bend Radius (Loaded - Unloaded)	mm	20	10xOD	30	10xOD
Installation Temperature	°C	-10 to +60			
Operating Temperature	°C	-30 to +60			
Storage Temperature	°C	-10 to +60			
Water Penetration		No water on free end			
Cable Diameter	mm	2,0	2x4,2	3,0	2,9 x 5,8
Nominal Cable Weight	(kg/km)	4,5	8	10	15

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