

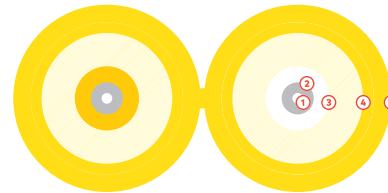
DESCRIPTION

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



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.



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



CABLE PROPERTIES

		Cable Diameter 2 mm		Cable Diameter 3 mm	
		1	2	1	2
Number of Fibers					
Optical Fiber	Dimension (µm)	245 ± 5	245 ± 5	245 ± 5	245 ± 5
	Color	Natural	Natural	Natural	Natural
Tight-buffered Fiber	Dimension (µm)	750 ± 50	750 ± 50	850 ± 50	850 ± 50
	Material	LSZH	LSZH	LSZH	LSZH
	Color	White	White and Yellow	White	White and Yellow
Streight Member		Aramid Yarn	Aramid Yarn	Aramid Yarn	Aramid Yarn
Outer Jacket	Material	LSZH	LSZH	LSZH	LSZH
	Color	OM2 - Orange; OM3 - Aqua; OM4 - Purple; OS2 - Yellow			

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

		Cable Diameter 2 mm		Cable Diameter 3 mm	
		1	2	1	2
Number of Fibers					
Tension (Long Term)	N	40	80	40	80
Tension (Short Term)	N	90	150	90	150
Max. Impact	N/m	1	1	1	1
Max. Torsion (Turns ±180°)	N	20	20	20	20
Crush (Long Term)	N/10cm	100	100	100	100
Crush (Short Term)	N/10cm	500	500	500	500
Min. Bend Radius (Dynamic)	mm	20D	20D	20D	20D
Min. Bend Radius (Static)	mm	10D	10D	10D	10D
Installation Temperature	°C	-10 a 50	-10 a 50	-10 a 50	-10 a 50
Operating Temperature	°C	-20 a 60	-20 a 60	-20 a 60	-20 a 60
Storage Temperature	°C	-20 a 60	-20 a 60	-20 a 60	-20 a 60
Nominal Cable Weight	(kg/km)	3.5	7	3.5	7



TIGHT BUFFER
ZIP-CORD

CABLE MARK

barpa (Code Number) F.O. Cable LSZH (ITU Recommendation) (N° fibers) Verified to ISO/IEC 11801; IEC 61156-5; EN 50173-1; EN 50288-6-1 and ANSI/TIA-568-C.2 ___m (CPR Class) (produce date)

ORDER INFORMATION

Cable Diameter	Number of Fibers	Reel Meters (km)	Reel Size (cm)	Gross Weight (kg/reel)
2 mm	1	2	35x35x30	10
	2	2	45x45x35	17.5
3 mm	1	2	35x35x30	10
	2	2	45x45x35	17.5

ORDER INFORMATION

Cable Diameter	Number of Fibers	OM2	OM3	OM4	G652D	G657A2	G657B3
2 mm	1	-	-	-	81112102101	81112102201	81112102301
	2	81113102402	81114102502	81115102602	81112102102	81112102202	81112102302
3 mm	1	-	-	-	81112103101	81112103201	81112103301
	2	81113103402	81114103502	81115103602	81112103102	81112103202	81112103302



To order in Dca-s2, d2, a1 add to the code "D1" at the end of the code.
Without any CPR add to the code "S" at the end of the code. Available in different CPR class.
Please specify in your request.



As part of our goal to achieve quality excellence, our barpa System Warranty can give you 25 years products and solution assurance of compliance with the industry performance standard comparing with the class installed. This warranty applies to network infrastructure installations that was made by an approved barpa Partner using an barpa solution (end-to-end).
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