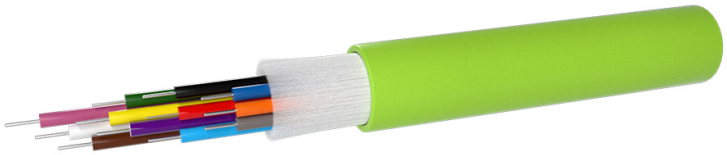
TIGHT BUFFER - DISTRIBUTION CABLE OR MINI BREAKOUT GLASS YARN DIELECTRIC ARMOURING LSZH B2CA

DESCRIPTION

barpa Fiber Optic Distribution Cables are designed for use in structured cabling systems, supporting horizontal distribution and building backbone applications. Optimized for environments such as data centers, LANs, and SANs, featuring an easy-to-strip tight buffer construction that facilitates rapid termination and installation. Suitable for indoor and outdoor deployment, ensuring consistent performance across extended backbone routes with guaranteed mechanical protection while maintaining flexibility.



1. Outer Jacket
2. Tight-buffered
3. Strength Member
4. Ripcord

APPLICABLE STANDARDS

• ISO/IEC 11801 • EN 50173-1 • EN50575 • IEC 60794-2-20
• IEC 60332-1-2 • IEC 60332-3-24 • IEC 61034-[1,2]
• EN 50399 • ANSI/TIA-568-C • ITU G652 • ITU G657
• IEC 60793-2-50 • IEC 60793-2-10 • IEC 60794-1-21
• IEC 60794-1-22

CABLE PROPERTIES

Coating Fiber	Color	1 - red	1 - red with mark every 70mm
		2 - green	2 - green with mark every 70mm
		3 - blue	3 - blue with mark every 70mm
		4 - yellow	4 - yellow with mark every 70mm
		5 - white	5 - white with mark every 70mm
		6 - grey	6 - grey with mark every 70mm
		7 - brown	7 - brown with mark every 70mm
		8 - violet	8 - violet with mark every 70mm
		9 - turquoise	9 - turquoise with mark every 70mm
		10 - black	10 - black with mark every 35mm
		11 - orange	11 - orange with mark every 70mm
		12 - pink	12 - pink with mark every 70mm
Strength member	Material	Glass Yarns as strength members and rodent protection	
Sheath	Material	Halogen free, flame retardant, UV stabilised	
	Cor	OM3 - aqua; OM4 - purple; OM5 - lime green OS2 - yellow.	
	Marking	(code) barpa FO Distribution w Glass Yarn (CPR class) (fiber type) (No of fibers)F (batch no.) Made in EU (meters)m	
VDE 888		U-VQ(ZN)H	

More information: info@barpa.eu or in www.barpa.eu

datasheet nº b40_6 | date: 07/25
approved by: Ana Barbosa

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MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

		Nº. Fibers					Method IEC 60794-1-21/22
B2ca Limits		2	4	8	12	24	
Tensile Strength (Long Term)	N	500	500	500	500	800	E1
Tensile Strength (Short Term - Installation)	N	1500	1500	1500	1500	2400	E1
Impact	J	10	10	10	10	10	E4
Torsion		5 cycles ± 1 turn					E7
Crush	N/10cm	1000	1000	1000	1000	1000	E3
Min. Bend radius (permanent - unloaded)	mm	60	60	66	82	95	E11
Installation Temperature	ºC	-20 to +60					F1
Operation Temperature	ºC	-20 to +60					F1
Storage Temperature	ºC	-30 to +60					F1
Water Penetration		No water on free end					F5C
Cable Diameter	mm	6,0	6,0	6,6	8,2	9,5	-
Nominal Cable Weight	kg/km	43	46	59	72	99	-

ORDER INFORMATION

	Number of Fibers				
	2	4	8	12	24
OS2 G652D	81112101102B1	81112101104B1	81112101108B1	81112101112B1	81112101124B1
OS2 G657A2	81112101202B1	81112101204B1	81112101208B1	81112101212B1	81112101224B1
OM3	81114101502B1	81114101504B1	81114101508B1	81114101512B1	81114101524B1
OM4	81115101602B1	81115101604B1	81115101608B1	81115101612B1	81115101624B1
OM5	81117101702B1	81117101704B1	81117101708B1	81117101712B1	81117101724B1

EU This product is developed and produced in Europe.

25 YEARS WARRANTY 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). For more informations go to our website.

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