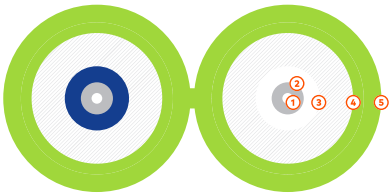
TIGHT BUFFER ZIP-CORD

DESCRIPTION

Commonly used in the manufacture of patch cords, to interconnect 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

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

This document is authored and owned by barpa . It is forbidden to reproduce in whole or in part without mentioning its authorship, as well as modification of its content or context. All specifications are subject to change without notice.
The pictures/drawings are merely illustrative.
More information: info@barpa.eu or in www.barpa.eu

TIGHT BUFFER
ZIP-CORD

CABLE MARK

barpa (Code Number) F.O. Cable LSZH (ITU Recomendation) (Nº 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	OM5	G652D	G657A2	G657B3
2 mm	1	-	-	-	-	81112102101	81112102201	81112102301
	2	81113102402	-	81115102602	81117102702	81112102102	81112102202	81112102302
3 mm	1	-	-	-	-	81112103101	81112103201	81112103301
	2	81113103402	81114103502	81115103602	81117103702	81112103102	-	81112103302

CPR

To order in Dca-s2, d2, a1 add "D1" at the end of the code. To order in B2ca-s1a, d1, a1 add "B1" at the end of the code.
Without any CPR add "S" at the end of the code. Available in different CPR class.
Please specify in your request.

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.

This document is authored and owned by barpa . It is forbidden to reproduce in whole or in part without mentioning its authorship, as well as modification of its content or context. All specifications are subject to change without notice.
The pictures/drawings are merely illustrative.
More information: info@barpa.eu or in www.barpa.eu

datasheet nº b41_4 | date: 06/26
approved by: Ana Barbosa