

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

### DESCRIPTION

- The barpa Distribution Cables are perfect for building backbones and horizontal distribution applications;
- To use in structured cabling installations: data centers, LANs, SANs and longer length backbones;
- Easy strippable tight buffer;
- For indoor and/or outdoor.



### 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.



- 1 Outer Jacket
- 2 Tight-buffered
- 3 Strength Member



### CABLE PROPERTIES

Coating Fiber	Color	1 - red	1 - red with mark
		2 - green	2 - green with mark
		3 - blue	3 - blue with mark
		4 - yellow	4 - yellow with mark
		5 - white	5 - white with mark
		6 - grey	6 - grey with mark
		7 - brown	7 - brown with mark
		8 - violet	8 - violet with mark
		9 - turquoise	9 - turquoise with mark
		10 - black	10 - black with mark
		11 - orange	11 - orange with mark
		12 - pink	12 - pink with mark
Water blocking (Only in Dca)		Swealable tape	
Strength member	Material	Glass Yarns as strength members and rodent protection	
Sheath	Material	Halogen free, flame retardant, UV stabilised	
	Cor	OM2 - orange; OM3 - aqua; OM4 - purple; OS2 - yellow.	
	Marking	(code) barpa FO Distribution w Glass (CPR class) (fiber type) (No of fibers)F (batch no.) Made in EU (meters)m	
VDE 888		U-VQ(ZN)H	

### CARACTERÍSTICAS MECÂNICAS E AMBIENTAIS

		Dca Limits					Cca Limits					Method IEC 60794-1-21/22
		2	4	8	12	24	2	4	8	12	24	
Tensile Strength (Long Term)	N	160	220	340	450	700	280	280	280	340	400	E1
Tensile Strength (Short Term - Installation)	N	325	440	680	900	1400	560	560	560	680	800	E1
Impact	J	10	10	10	10	10	20	20	20	20	20	E4
Torsion		5 cycles ± 1 turn										E7
Crush	N/10cm	2000	2000	2000	2000	2000	3000	3000	3000	3000	3000	E3
Min. Bend radius (permanent - unloaded)	mm	50	50	50	50	60	53	57	68	78	86	E11
Installation Temperature	°C	-20 a +60					-20 a +70					F1
Operation Temperature	°C	-40 a +70					-20 a +70					F1
Storage Temperature	°C	-40 a +70					-40 a +70					F1
Water Penetration		No water on free end										F5C
Cable Diameter	mm	4,6	5,2	6	7	8,5	5,3	5,7	6,8	7,2	8,6	-
Nominal Cable Weight	kg/km	19	27	36	48	73	35	35	35	80	80	-

### ORDER INFORMATION

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



This product is developed and produced in Europe.



To order in Dca-s2, d2, a1 add to the code "D1" at the end of the code. To order in Cca add to the code "C1" 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). For more informations go to our website.