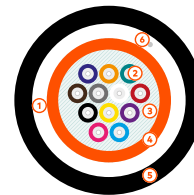




UNITUBE FIBER OPTIC CABLE WITH GLASS YARNS 1200N PE

DESCRIPTION

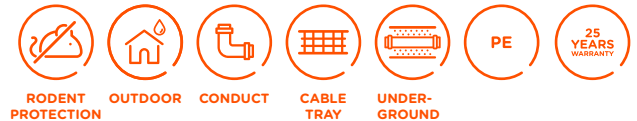
For outdoor installations. Easy and fast installation due to its small diameter and light construction. Suitable for pushing, blowing method. Problem-free use in power lines due to its non-metallic construction. Mostly used in campus backbone applications. In network systems, MAN, WAN, LAN applications. With a degree of rodent protection, effective in many cases.



- ① Strength Member
- ② Colored Coating Fiber
- ③ Filling Gel
- ④ Loose Tube
- ⑤ Outer Jacket
- ⑥ Rip-Cord

APPLICABLE STANDARDS

- ISO/IEC 11801; • EN 50173-1; • IEC 60794-1; • IEC 60793-2-50;
- IEC 60793-2-10; • IEC 60794-1-21; • IEC 60794-1-22;



CABLE PROPERTIES

Coating Fiber	Color	1 - Blue	13 - Blue
		2 - Orange	14 - Orange
		3 - Green	15 - Green
		4 - Brown	16 - Brown
		5 - Gray	17 - Gray
		6 - White	18 - White
		7 - Red	19 - Red
		8 - Black	20 - Black
		9 - Yellow	21 - Yellow
		10 - Violet	22 - Violet
		11 - Pink	23 - Pink
		12 - Aqua	24 - Aqua
Each set of 12 fibers is grouped into a bundle			
Strenght member	Material	Waterblocked Glass Yarns	
	Material	UV stabilized polyethylene (HDPE)	
	Color	Black	
Outer Sheath	Dimension (mm)	Core Count	
		2, 4, 6, 8, 12 fibers	24 fibers
		7,1	8,0
	Marking	(code) barpa FO Unitube w Glass Yarn TS12 PE (fiber category) (No of fibers)F (batch no.) (meters)m	
Ripcord		Yes	
VDE 888		A-DQ(ZN)2Y	

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



UNITUBE FIBER OPTIC CABLE
WITH GLASS YARNS 1200N PE

MECHANICAL AND ENVIRONMENT PROPERTIES

		Limits	Method IEC 60794-1-2
Maximum Installation Tensile Strength	N	1.0 x W(N), min. 1200	E1
Maximum Operation Tensile Strength	N	400	E1
Torsion		1 m. 100N, +/- 180°, 10 cycles	E7
Crush	N/10 cm	1500	E3
Impact	Nm	10	E4
Min. Bend Radius (installation)		20 x cable Ø	-
Min. Bend Radius (permanent)		15 x cable Ø	-
Installation Temperature	°C	-40 to +70	F1
Operation Temperature	°C	-20 to +70	F1
Storage Temperature	°C	-40 to +70	F1
Water Penetration		No water on free end	F5B

ORDER INFORMATION

	Number of Fibers					
	2	4	6	8	12	24
OM3	81121222502	81121222504	81121222506	81121222508	81121222512	81121222524
OM4	81121222602	81121222604	81121222606	81121222608	81121222612	81121222624
OS2 G652D	81121222102	81121222104	81121222106	81121222108	81121222112	81121222124
OS2 G657A2	81121222202	81121222204	81121222206	81121222208	81121222212	81121222224

PACKAGING AND DELIVERY LENGTHS

Packaging	Wooden drum with protection
Delivery Lengths	2000 m* ± %5 tolerance

* Delivery length can be tailored under requests of the client.



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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datasheet n° b164_0 | date: 05/24
approved by: Ana Barbosa