barpa

LOOSE TUBE MULTITUBE CABLE
GLASS YARN DIELECTRIC ARMOURING - PE
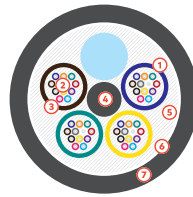
DESCRIPTION

• For outdoor installations.

• Mostly used in campus backbone applications.

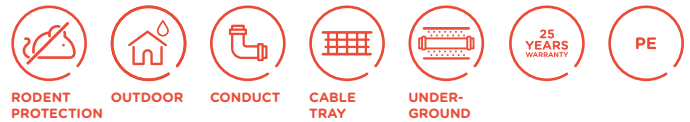• With a degree of rodent protection, effective in many cases.

APPLICABLE STANDARDS

• ISO/IEC 11801; • EN 50173-1; • IEC 60794-3; • EN 187 000;
• IEC 60794-3-10; • IEC 60794-3-12; • IEC 60793-2-50;
• IEC 60793-2-10; • IEC 60794-1-21; IEC 60794-1-22.

48-fiber demonstration cable

1. Loose Tube;
2. Colored Coating Fiber;
3. Filling Gel;
4. Central Strength Member;
5. Waterproof tape;
6. Glass Yarns;
7. Outer Jacket.

RODENT PROTECTION | OUTDOOR | CONDUCT | CABLE TRAY | UNDER-GROUND | 25 YEARS WARRANTY | PE

CABLE PROPERTIES

Coating	Color	1 - red
		2 - green
		3 - blue
		4 - yellow
		5 - white
		6 - grey
		7 - brown
		8 - violet
		9 - turquoise
		10 - black
		11 - orange
		12 - pink
Loose Tube	Dimension (mm)	2,3
Central Strength Member	Diameter (mm)	2,5
	Material	FRP
Sheath	Material	1,5mm; MDPE
	Color	Black
	Marking	(code) barpa FO Multi w Glass PE (fiber type) (No of fibers)F (batch no.) Made in EU (meters)m
Water Blocking		Swellable tape and tread
VDE 888		A-DQ(ZN)B2Y

barpa

LOOSE TUBE MULTITUBE CABLE
GLASS YARN DIELECTRIC ARMOURING - PE

MECHANICAL AND ENVIRONMENTAL PROPERTIES

		Limites		Method IEC 60794-1-21/22
		48F	96F	
Tensile Strength (Long Term)	N	1800	1800	E1
Tensile Strength (Short Term - Installation)	N	5000	5000	E4
Impact	J	20	20	E4
Torsion	N	5 cycles ± 1 turn	5 cycles ± 1 turn	E7
Crush	N/10cm	3000	3000	E3
Min. Bend radius (installation)	mm	190	220	-
Installation Temperature	°C	-40 a +70	-40 a +70	E11
Operation Temperature	°C	-40 a +70	-40 a +70	F1
Storage Temperature	°C	-40 a +70	-40 a +70	F1
Water Penetration		No water on free end		F5B
Cable Diameter	mm	11	13	-
Nominal Cable Weight	kg/km	103	140	-

ORDER INFORMATION

	Number os Fibers	
	48	96
OS2 G652D	81121205148	81121205196

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.