



**LOOSE TUBE MULTITUBE CABLE  
CORRUGATED STEEL ARMOURING PE DOUBLE SHEATH**

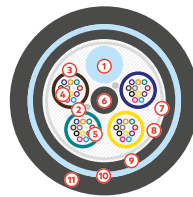
**DESCRIPTION**

- For outdoor installations.
- Mostly used in telecom trunk lines, CATV trunk lines.
- For direct burial and for cases of high risk of rodent attacks.

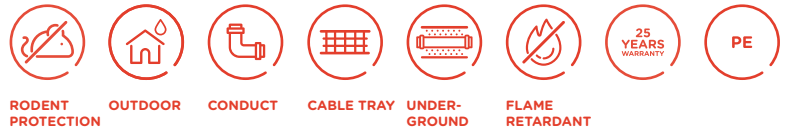


**APPLICABLE STANDARDS**

- EN 187 000; • IEC 60794-3; • IEC 60794-3-10;
- IEC 60794-3-12; • ISO 11801; • EN 50 173-1; • IEC60794-1-2.



- ① Filler;
- ② Water-blocking Yarn;
- ③ Loose Tube;
- ④ Colored Coating Fiber;
- ⑤ Filling Gel;
- ⑥ Central Strength Member;
- ⑦ Waterproof Tape;
- ⑧ Binding Yarn;
- ⑨ Inner Jacket;
- ⑩ Corrugated Steel;
- ⑪ Outer Jacket.



**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
Loose Tube	Dimension (mm)	2,3	
Water Blocking		Tape	
Central Strength member	Material	2,5mm FRP rod	
Ripcord		2 rip cord	
Armouring	Material	Corrugated steel 0,15mm	
Sheath	Material	1,5mm MDPE	
	Color	Black	
	Marking	(code) barpa FO Multi w Corrugated Steel PE Double (fiber type) (No of fibers)F (batch no.) Made in EU (meters)m	
VDE 888		A-DQ2Y(SR)2Y	

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More information: [info@barpa.eu](mailto:info@barpa.eu) or in [www.barpa.eu](http://www.barpa.eu)

### MECHANICAL AND ENVIRONMENTAL PROPERTIES

		Limits	Method IEC 60794-1-21/22
Tensile Strength (Long Term)	N	1200	E1
Tensile Strength (Short Term - Installation)	N	<b>1800</b>	E1
Impact	Nm	20	E4
Torsion		5 cycles ± 1 turn	E7
Crush	N/10cm	<b>3000</b>	E3
Min. Bend radius (installation)	mm	290	-
Installation Temperature	°C	-30 to +60	E11
Operation Temperature	°C	-60 to +70	F1
Storage Temperature	°C	-60 to +60	F1
Cable Diameter	mm	14,5	-
Nominal Cable	kg/km	195	-

### ORDER INFORMATION

	Number of Fibers			
	48	60	96	144
OM3	81121207548	81121207560	81121207596	811212075144
OM4	81121207648	81121207660	81121207696	811212076144
OS2 G652D	81121207148	81121207160	81121207196	811212071144



This product is developed and produced in Europe.



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.