

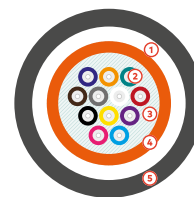
### DESCRIPTION

- For outdoor installations.
- Mostly used in campus backbone applications.
- With a degree of rodent protection, effective in many cases.

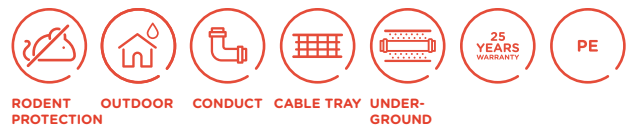


### APPLICABLE STANDARDS

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



- 1 Glass Yarns;
- 2 Colored Coating Fiber;
- 3 Filling Gel;
- 4 Loose Tube;
- 5 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
		12 - pink	12 - pink with mark
Loose Tube	Dimensions (mm)	2,8	
Strength member	Material	Water-blocked Glass Yarns	
	Material	1,2mm LLDPE	
Sheath	Color	Black	
	Marking	(code) barpa FO Uni w Glass PE (fiber type) (No of fibers)F (batch no.) Made in EU (meters)m	
VDE 888		A-DQ(ZN)B2Y	

## MECHANICAL AND ENVIRONMENTAL PROPERTIES

		Limits	Method IEC60794-1-21/22
Tensile Strength (Long Term)	N	1000	E1
Tensile Strength (Short Term - Installation)	N	<b>3000</b>	E1
Impact	J	20	E4
Torsion		5 cycles ± 1 turn	E7
Crush	N/10cm	<b>2000</b>	E3
Min. Bend radius (installation)	mm	134	-
Min. Bend radius (permanent)	mm	67	E11
Installation Temperature	°C	-15 to +70	F1
Operation Temperature	°C	-30 to +70	F1
Storage Temperature	°C	-40 to +60	F1
Water Penetration		No water on free end	F5B
Cable Diameter	mm	6,7	-
Nominal Cable Weight	kg/km	40	-

## ORDER INFORMATION

	Number os Fibers					
	2	4	6	8	12	24
OM3	81121211502	81121211504	81121211506	81121211508	81121211512	81121211524
OM4	81121211602	81121211604	81121211606	81121211608	81121211612	81121211624
OS2 G652D	81121211102	81121211104	81121211106	81121211108	81121211112	81121211124



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.