

### DESCRIPTION

- For indoor/outdoor mixed installations;
- Mostly used in building and campus backbone applications;
- Rodent proof, characterised by the addition of Corrugated Steel.



### APPLICABLE STANDARDS

- ISO/IEC 11801; • EN 50173-1; • EN50575; • IEC 60794-1;
- IEC 60332-1-[1,2]; • IEC 60754-[1,2]; • IEC 61034-[1,2];
- IEC 60793-2-50; • IEC 60793-2-10; • IEC 60794-1-21; • IEC 60794-1-22.



- 1 Glass Yarns ;
- 2 Corrugated Steel;
- 3 Colored Coating Fiber;
- 4 Filling Gel;
- 5 Loose Tube;
- 6 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)	2,8	
Strenght member	Material	Glass Yarns	
Shielding	Material	Corrugated steel 0,15mm	
Sheath	Material	1,5mm; UV stabilised	
	Color	Black	
	Marking	(code) barpa FO Uni w Corrugated Steel (CPR class) (fiber type) (No of fibers) F (batch no.) Made in EU (meters)m	
VDE 888		U-D(ZN)(SR)H	

## MECHANICAL AND ENVIRONMENTAL PROPERTIES

		Limits	Method IEC 60794-1-21/22
Tensile Strength (Long Term)	N	1000	E1
Tensile Strength (Short Term - Installation)	N	<b>3000</b>	E1
Impact	J	30	E4
Torsion		5 cycles ± 1 turn	E7
Crush	N/10cm	<b>2200</b>	E3
Min. Bend radius (installation)	mm	170	-
Min. Bend radius (permanent)	mm	85	E11
Installation Temperature	°C	-40 to +70	F1
Operation Temperature	°C	-40 to +70	F1
Storage Temperature	°C	-40 to +70	F1
Water Penetration		No water on free end	F5B
Heat of combustion	MJ/km	1200	-
Cable Diameter	mm	8,5	-
Nominal Cable Weight	kg/km	75	-

## ORDER INFORMATION

	Number of fibers					
	2	4	6	8	12	24
OM3	81111212502	81111212504	81111212506	81111212508	81111212512	81111212524
OM4	81111212602	81111212604	81111212606	81111212608	81111212612	81111212624
OS2 G652D	81111212102	81111212104	81111212106	81111212108	81111212112	81111212124
OS2 G657A2	81111212202	81111212204	81111212206	81111212208	81111212212	81111212224



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.  
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.