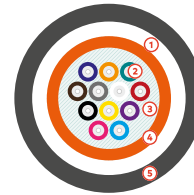


DESCRIPTION

- For indoor and limited outdoor installations.
- Mostly used in building and campus backbone 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.

APPLICABLE STANDARDS

- ISO/IEC 11801; • EN 50173-1; • EN50575; • IEC 60794-2;
- IEC 60332-1-[1,2]; • IEC 60754-[1,2]; • IEC 61034-[1,2];
- ANSI/TIA-568-C; • ITU G652; • ITU G657; • IEC 60793-2-50;
- IEC 60793-2-10; • IEC 60794-1-21; • IEC 60794-1-22.



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	Dimension (mm)	2,8	
Strenght member	Material	Water-blocked Glass Yarns	
	Material	1,5mm; Halogen free, flame retardant, UV stabilised	
Sheath	Color	Balck	
	Marking	(code) barpa FO Uni w Glass (CPR class) (fiber type) (No of fibers)F (batch no.) Made in EU (meters) m	
VDE 888		U-DQ(ZN)BH	

MECHANICAL AND ENVIRONMENTAL PROPERTIES

		Limits CPR Dca	Limits CPR Eca	Method IEC 60794-1-21/22
Tensile Strength (Long Term)	N	1000	1000	E1
Tensile Strength (Short Term - Installation)	N	3000	1500	E1
Impact	J	20	20	E4
Torsion	N	5 cycles ± 1 turn		E7
Crush	N/10cm	3500	2000	E3
Min. Bend radius (installation)	mm	146	100	-
Min. Bend radius (permanent)	mm	73	60	E11
Installation Temperature	°C	-15 a +40	-15 a +40	F1
Operation Temperature	°C	-30 a +70	-30 a +70	F1
Storage Temperature	°C	-40 a +60	-40 a +60	F1
Water Penetration		No water on free end		FSB
Heat of combustion	MJ/km	1100	1100	-
Cable Diameter	mm	7,3	2 - 16 fibers: 7,5 24 fibers: 8,0	-
Nominal Cable Weight	kg/km	55	2 - 16 fibers: 55 24 fibers: 60	-

ORDER INFORMATION

	Number of Fibers					
	2	4	6	8	12	24
OM2	81111211402	81111211404	81111211406	81111211408	81111211412	81111211424
OM3	81111211502	81111211504	81111211506	81111211508	81111211512	81111211524
OM4	81111211602	81111211604	81111211606	81111211608	81111211612	81111211624
OS2 G652D	81111211102	81111211104	81111211106	81111211108	81111211112	81111211124
OS2 G657A2	81111211202	81111211204	81111211206	81111211208	81111211212	81111211224



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.