

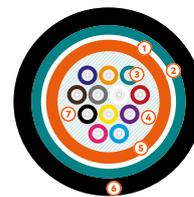
DESCRIPTION

For outdoor installations. Mostly used in campus backbone applications. Rodent proof, characterized by the addition of Corrugated Steel.



APPLICABLE STANDARDS

- ISO/IEC 11801 • IEC 60794-1 • IEC 60794-1-21 • IEC 60794-1-22
- EN 60794-3-12



- 1 Glass Yarns
- 2 Corrugated Steel
- 3 Colored Coating Fiber
- 4 Filling Gel
- 5 Loose Tube
- 6 Outer Jacket
- 7 Ripcord



RODENT PROTECTION



PE



OUTDOOR



CONDUCT



UNDER-GROUND



25 YEARS WARRANTY

CABLE PROPERTIES

Coating Fiber	Color	1 - Blue	13 - Blue
		2 - Orange	14 - Orange
		3 - Green	15 - Green
		4 - Brown	16 - Brown
		5 - Gray	17 - Gray
		6 - White	18 - White
		7 - Red	19 - Red
		8 - Black	20 - Black
		9 - Yellow	21 - Yellow
		10 - Violet	22 - Violet
		11 - Pink	23 - Pink
		12 - Aqua	24 - Aqua
Each set of 12 fibers is grouped into a bundle			
Loose Tube	Dimension (mm)	2, 4, 6, 8, 12 Fibers: 2,8 24 Fibers: 3,8	
Strength member	Material	Glass Yarns	
Armouring	Material	Corrugated steel 0,25mm	
	Material	UV resistant polyethylene (HDPE)	
Outer Sheath	Color	Black	
	Marking	(code) barpa FO Uni w Corrugated Steel PE TS12 (fiber type) (No of fibers)F (batch no.) (meters)m	
VDE 888		A-D(ZN)(SR)2Y	
Ripcord		Yes	



LOOSE TUBE UNITUBE CABLE METALLIC
CORRUGATED STEEL ARMOURING 1200N PE

MECHANICAL AND ENVIRONMENTAL PROPERTIES

		Limits	Method IEC 60794-1-21/22
Tensile Strength (Operation)	N	600	E1
Tensile Strength (Installation)	N	1200	E1
Impact	J	10	E4
Torsion		10 cycles ± 180°	E7
Crush	N/10cm	1500	E3
Min. Bend radius (installation)		20 x O.D.	-
Min. Bend radius (permanent)		15 x O. D.	-
Installation Temperature	°C	-30 to +60	F1
Operation Temperature	°C	-20 to +70	F1
Storage Temperature	°C	0 to +70	F1
Water Penetration		No water on free end	F5B

No. of Fibers	2F to 12F	24F
Cable Diameter (mm) (±5% tolerance)	7,5	8,7
Nominal Cable Weight (kg/km)	71	91

ORDER INFORMATION

	Number of Fibers					
	2	4	6	8	12	24
OS2 G652D	81121226102	81121226104	81121226106	81121226108	81121226112	81121226124
OM3	81121226502	81121226504	81121226506	81121226508	81121226512	81121226524
OM4	81121226602	81121226604	81121226606	81121226608	81121226612	81121226624

PACKAGING AND DELIVERY LENGTHS

Packaging	Wooden drum with protection
Delivery Lengths	2000 m* ± %5 tolerance

* Delivery length can be tailored under requests of the client.



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.

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datasheet n° b170_0 | date: 07/24
approved by: Ana Barbosa