



OPTICAL CABLE CFOA-ARD TS (ABNT CL), TOTALLY DRY TO DUCTS INSTALLATION WITH METALLIC RODENT PROTECTION AND TUBE LOOSE COLOR STANDARD ABNT COLOFUR

Construction	Rodent-proof metallic protection	
	Fully Dry Core	
	Loose Tubes	
	SM	
Application	Installation environment	Outdoor
	Operation environment	Subterranean in ducts Air lashed on steel strand
Certifications	<ul style="list-style-type: none"> Anatel 	
Optical Characteristics	Fiber	Characteristics
	Single mode	According to technical specification 2000 (Annex A)

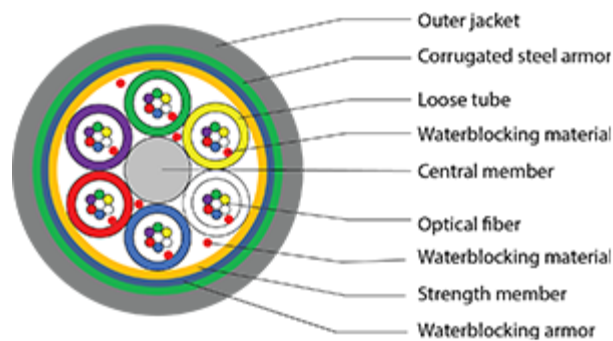
Fiber Identification

Fiber and Loose Tube Identification	Optical Fiber/Loose Tube	Color
	01	Green
	02	Yellow
	03	White
	04	Blue
	05	Red
	06	Violet
	07	Brown
	08	Pink
	09	Black
	10	Gray

11	Orange
12	Acqua

Central Member	Non-metallic material.
Strength member	Dielectric yarns must be applied around cable core to support traction tensions.
Minimal Rodent Protection Thickness	Corrugated steel armor.
Outer Jacket	Over the cable's core, it is applied, through extrusion a layer of black thermoplastic material, which is continuous and homogeneous, compatible with the other materials of the cable. A rip cord is placed underneath the outer cape.

Cross Section



Physical Characteristics	Maximum installation load	Compression load (N)	Minimal radius of curvature (mm)	
			During installation	After installation
	2 x weight of the cable/km (Minimum 2000)	1 x weight of the cable/km (Minimum 1000) (Maximum 2200)	20 x Outer diameter of the cable	10 x Outer diameter of the cable
	Installation temperature	-10 °C to 50 °C		
	Storing temperature	-20 °C to 65 °C		
	Operation temperature	-20 °C to 65 °C		

Dimension	Formation	Number of fibers per tube		Nominal net mass (kg/km)	Nominal outer sheath thickness (mm)
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		Nominal outer diameter (mm) ± 1.0mm		
2 a 12	2	11,5	111	1,3
18 a 36	6	11,5	111	
48 a 60	12	11,5	111	
72	12	12,3	122	
96	12	14,0	159	
144	12	17,6	243	

Package Type Wooden reel

Observations Other requisites are in accordance with ABNT NBR 15108

[Codification](#)