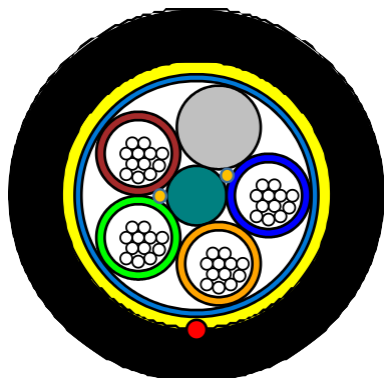


TX CABLE FO SM 48F ADSS G652D VANO 80 MTS PK

Cross Section:



Fiber type: 48 x G.652D

		Design Data		
		Name	NO	Size
Center		FRP wire	1	1.80 mm
Layer		Fibers of Cable	48	2.20 mm
		Filler	1	
		Water blocking tape		0.20 mm
Armour		Aramid Yarn		
Outer Sheath		PE Sheath Thickness		1.70 mm
		Jelly		
		Water blocking yarn	2	
		Rip cord	1	

Tubes / Fibers	4 / 12
Color coding of tube	Blue, Orange, Green, Brown
Color coding of fiber	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Purple, Pink, Turquoise

Cable Diameter	10±0.3 mm
Cable Weight	77±10% kg/km

Technical Data:	Standard : IEC 60794、 IEEE.P1222、 DL/T 788	
	Supporting Cross Section (Aramid Yarn: 0.61 、 FRP: 2.54)	3.15 mm ²
	Rate Tensile Strength (RTS)	3.8 kN
	Modulus of Elasticity (E-Modulus)	4.0 kN/mm ²
	Thermal Elongation Coefficient	20.01 10 ⁻⁶ /°C
	Maximum Allowable Tension(MAT) (40%RTS)(fiber strain<0.2%)	1.5 kN
	Everyday Stress (EDS) (16% ~ 25%RTS)	0.6 ~ 0.9 kN
	Strain Margin Strength (60%RTS)	2.3 kN
	Minimum Bending Radius(Installing)	20 D
	Minimum Bending Radius(Operating)	15 D
	Installation Tensile Strength (≤20%RTS)	≤ 0.8 kN
	Temperature	Installation
Transportation and Operation		-40°C ~ +70 °C

Remarks: All Sizes and Values are Nominal Values

Voltage ≤110kV

- ADSS – ADSS Cable
- PE – Outer Sheeth Material
- 48 – Fibers of Cable
- 1.5kN – Maximum Allowable Tension(MAT)(kN)

Max Wind Speed: 25m/s, No icing

Fiber Attenuation Coefficient:
at 1310 nm ≤ 0.35 dB/km
at 1550 nm ≤ 0.21 dB/km

ORDEN DE PEDIDO	Código	Descripción
	P09739	TX CABLE FO SM 48F ADSS G652D VANO 80 MTS PK

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