

## TX CABLE FO SM 24F ADSS G652D VANO 80 MTS PK

### Cross Section:



Fiber type: 24 x G.652D

		Design Data		
		Name	NO	Size
Center		FRP wire	1	1.60 mm
Layer		Fibers of Cable	24	2.00 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 / 6
Color coding of tube	Blue, Orange, Green, Brown
Color coding of fiber	Blue, Orange, Green, Brown, Grey, White

Cable Diameter	9.5±0.3 mm
Cable Weight	68±10% kg/km

<b>Technical Data:</b>	Standard : IEC 60794、 IEEE.P1222、 DL/T 788		
	Supporting Cross Section ( Aramid Yarn: 0.76 、 FRP: 2.01 )	2.77 mm <sup>2</sup>	
	Rate Tensile Strength (RTS)	3.8 kN	
	Modulus of Elasticity (E-Modulus)	4.1 kN/mm <sup>2</sup>	
	Thermal Elongation Coefficient	18.08 10 <sup>-6</sup> /°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	
	<b>Temperature</b>	Installation	-10°C ~ +60 °C
		Transportation and Operation	-40°C ~ +70 °C

Remarks: All Sizes and Values are Nominal Values

Voltage ≤110kV

ADSS	-	ADSS Cable
PE	-	Outer Sheeth Material
24	-	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
	P09738	TX CABLE FO SM 24F ADSS G652D VANO 80 MTS PK

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