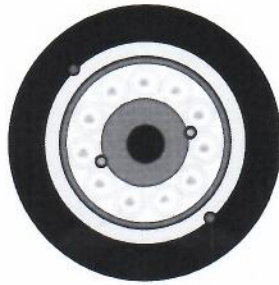


Cable type:

ADSS - PE 128B1.3 - 3.4 kN

Cable structure:



Design Data			
	Name	NO	Size
Center	PE/FRP	1	6.8/2.5 mm
Layer	Fibers of Cable	128	2.5/1.7 mm
	Filler	0	
	Water blocking yarns	2	
	Water blocking tape thickness		0.25 mm
Aramid Yarn			
Outer Sheath	HDPE Sheath Thickness		1.70 mm
	Rip cord	2	

Fiber type: 128 x G.652D

Tubes / Fibers	10/12+1/8
Color coding of fiber	blue/orange/green/brown/grey/white/red/black/yellow/violet/pink/aqua
Color coding of tube	blue/orange/green/brown/grey/white/red/black/yellow/violet/pink

Cable Diameter	16±0.2 mm
Cable Weight	179.0 kg/km

Technical Data:	according to IEEE.P1222 and DL/T 788 standards	
	Supporting Cross Section (Aramid Yarn: 3.37 , FRP: 14.52)	17.89 mm ²
	Rate Tensile Strength (RTS)	6.8 kN
	Modulus of Elasticity (E-Modulus)	6.8 kN/mm ²
	Thermal Elongation Coefficient	12.55 10 ⁻⁶ /°C
	Maximum Allowable Tension(MAT) (50%RTS) (Fiber strain 0.33%)	3.4 kN
	Everyday Stress (EDS) (16% ~ 25%RTS)	1.1 ~ 1.7 kN
	Strain Margin Strength (60%RTS)	4.1 kN
	Minimum Bending Radius(Installing)	20 D
	Minimum Bending Radius(Operating)	15 D
	Installation Tensile Strength (≤20%RTS)	≤ 1.4 kN
Temperature	Installation	-10°C ~ +60 °C
	Transportation and Operation	-40°C ~ +80 °C

Remarks: All Sizes and Values are Nominal Values

ADSS	-	ADSS Cable
PE	-	Outer Sheeth Material
128	-	Fibers of Cable
3.4kN	-	Maximum Allowable Tension(MAT)(kN)

2020/7/13		Span:80m	ADSS		SWQ
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