

Composite Support Insulator Maira As 10.5.20.127

Environment Conditions

Maximum ambient temperature	+50 °C
Minimum ambient temperature	-55 °C
Maximum humidity	100%
Altitude above sea level	2500 m
Sun radiation	Strong
Position of installation	Outdoors

Technical Characteristics

Nominal system voltage	10.5 kV
Highest system voltage	12.5 kV
Nominal system frequency	50 Hz
Withstanding voltage with frequency power in 1 minute in dry conditions (to earth & between phases)	35 kV
Withstanding voltage with frequency power in 1 minute in wet conditions	27 kV
Lightning impulse flashover voltage (positive)-50%	70 kV
Lightning impulse flashover voltage (negative) -50%	80 kV
Thickness of galvanization of metal part	70 µm Zn /Al
Fittings	Cylindrical M8/M16
Material	Silicone rubber (HTV)
Specified mechanical load (bending moment)	1265,6 lbs/20 kN
Leakage distance	9,25 inch / 235 mm
Exceptional maximum bending limit	4415 lbs /20 kN
Length	5,0 inch/127 mm(+/-5)
Polluted level	II (min.2,1 cm/kV)

