

Composite Support Insulator Maira H 026

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	15 kV
Highest system voltage	17.5 kV
Lowest rated insulation voltage	36 kV
Low frequency flashover in dry conditions	131 kV
Low frequency flashover in wet conditions	85 kV
Lightning impulse flashover voltage (positive)	230 kV
Lightning impulse flashover voltage (negative)	240 kV
Lightning impulse withstanding voltage	42.2 kV
Thickness of galvanization of metal part Aluminium/ Steel	60-65 µm Zn
Fittings	TT
Material	Silicone rubber (HTV)
SMS	26977.07 lbs/120 kN
SML	33721.34 lbs/150 kN
Creepage distance	32.6 inch/828 mm
Arcing distance	min. 12.9 inch/ 330 mm
Length	627.16 inch/90 +/- 5 mm
Weight	approx. 7.5 lbs/3.4 kg
Insulator-collars outside diameter	4.5 inch/115 +/-0.5 mm

