

Composite Support Insulator Maira L24.80.361 TT

Environment Conditions

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

Technical Characteristics

Nominal system voltage	20 kV
Highest system voltage	24 kV
Nominal system frequency	50/60 Hz
Withstanding voltage with frequency power in 1 minute in dry conditions (to earth & between phases)	118.3 kV
Withstanding voltage with frequency power in 1 minute in wet conditions	86 kV
Lightning impulse flashover voltage (positive) 50%	205.2 kV
Lightning impulse flashover voltage (negative) 50%	247.2 kV
Lightning impulse withstanding voltage	194.9 kV
Thickness of galvanization of metal part	70 µm Zn
Fittings (IEC 61466-2/2002)	TT
Material	Silicone rubber (HTV)
Specified mechanical load (bending moment)	18000 lbs/80 kN
Leakage distance (IEC 815/1986)	19 inch / 482 mm
Exceptional maximum tensile strength	22500 lbs /100 kN
Length	14.2 inch/361 mm
Weight	3.13 lbs/1.43 kg
Polluted level (IEC 815/1986)	II (min.2,1 cm/ kV)

