



DIMENSIONS:

- Height: 1370±30 mm.
- Min. Dry Arcing Distance: 1225 mm.
- Min. Creepage Distance: 3700 mm.
- Diameter Of The Rod: Ø70 mm.
- Number Of Sheds: 27.

RAW MATERIALS:

- End-fitting:
 - Material: Cast Iron Or Cast Steel, Hot Dip Galvanized.
 - Minimum thickness of the galvanization: 86µm.
- Core:
 - Material: Epoxy & Glass Fiber.
- Weather sheds:
 - Material: HTV Silicone.
 - Color: Grey.

MECHANICAL:

- Specified Tensile Load(STL): 40 kN.
- Max. Design Cantilever Load (MDCL): 7kN.
- Specified Cantilever Load (SCL): 14kN.
- Standard: IEC 61952.

ELECTRICAL:

- Rated Voltage: 145 kV.
- Power Frequency Withstand Voltage (Wet 1 Min): 275 kV.
- Lightning Impulse Withstand Voltage: 650 kV.
- Standard: IEC 61952.

						General Drawing					
Mark	Amount	Section	Modifying File NO.	Sign	Y M D	Stage Mark		Weight (kg)	Ratio	FZSW-145/14 Composite Insulator	
Design		2023.10.28	Standard								
Check						25.9		145kV14-1370-20231028-FF			
Verify											
Process			Approved			1 Page in all The 1st Page					