



**DIMENSIONS:**

- Height:  $1572 \pm 30$  mm.
- Min. Dry Arcing Distance: 1270 mm.
- Min. Creepage Distance: 4165 mm.
- Diameter Of The Rod:  $\phi 24$  mm.
- Coupling Dimensions: Socket/Ball 20R/20 (IEC 60120).
- Number Of Sheds: 49.

**RAW MATERIALS:**

- End-fitting:
  - Material: Hot Dip Galvanized Steel.
  - Minimum Thickness Of The Galvanization: 86  $\mu$ m.
  - Split Pin: Stainless Steel.
- Core:
  - Material: Epoxy & Glass Fiber, Acid-Resistant Type.
- Weather sheds:
  - Material: HTV Silicone.
  - Color: Gray.

**MECHANICAL:**

- Specified Mechanical Load (SML): 210 kN.
- Routine Test Load (RTL): 105 kN.
- Standard: IEC 61109.

**ELECTRICAL:**

- Rated Voltage: 145 kV.
- Power Frequency Withstand Voltage(Wet 1 min ) : 270 kV.
- Lightning Impulse Withstand Voltage : 650 kV.
- Standard: IEC 61109.

						General Drawing			
Mark	Amount	Section	Modifying File NO.	Sign	Y M D	FXBW-145/210 Composite Insulator			
Design		20231028	Standard			Stage Mark	Weight (kg)	Ratio	145kV210-1572-20231028
Check							7.4		
Verify						1 Page in all The 1st Page			
Process			Approved						