### TECHNICAL SPECIFICATIONS

1. **Rated voltage**  
   45kV

2. **Nominal creepage distance**  
   1125mm

3. **Dry arcing distance**  
   465mm

4. **Power frequency flashover voltage**  
   - **Wet**: 157kV  
   - **Dry**: 174kV

5. **Lightning impulse flashover voltage**  
   330kV

6. **Tensile strength**  
   70kV

7. **Torque strength**  
   47Nm

*Standard: ANSI C29.13, IEC 1109*

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**ITEM NO** | **DESCRIPTION** | **MATERIALS** | **QTY** | **REMARK**
--- | --- | --- | --- | ---
1 | Cotter | Stainless steel | 1 | R-shaped
2 | Clevis pin | Forged steel | 1 | Hot galvanizing
3 | Clevis | Forged steel | 1 | Hot galvanizing
4 | Weather sheds | Silicone rubber | 1 | Colour: Grey
5 | Core rod | Glass fiber reinforced epoxy resin | 1 | 
6 | Tongue | Forged steel | 1 | Hot galvanizing

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**Material** | **Weight** | **Title** | **Drawing No.**
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Composite insulator | | FXB-45/70 | HS018119

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