



Technical drawing of a 1600V 10kV composite insulator. The drawing shows a side view and a cross-section. The side view includes dimensions: 45° angle at the top, 35mm width, 1mm gap, 60mm distance between sheds, 60±20mm total length, 1300mm total length, and 1600±20mm total length. The cross-section shows a 62mm diameter, 19±0.5mm thickness, and 2mm gap. The drawing is labeled with 1, 2, and 3.

- *Electrical substation*
- *Factory*

- *Suspension composite insulator*
- *Technical datum meet IEC61109*
- *Min creepage distance 3520mm*
- *Arcing distance 1300mm*
- *Min thickness of housing 4mm*
- *Low frequency flame dry:485kV
wet:335kV*
- *Critical impulse flare positive 780kV*
- *Critical impulse flare negative 760kV*
- *Specified mechanical load 111kN*
- *Routing tensile load 56kN*
- *The color of the silicone rubber: Red ,
Gray*