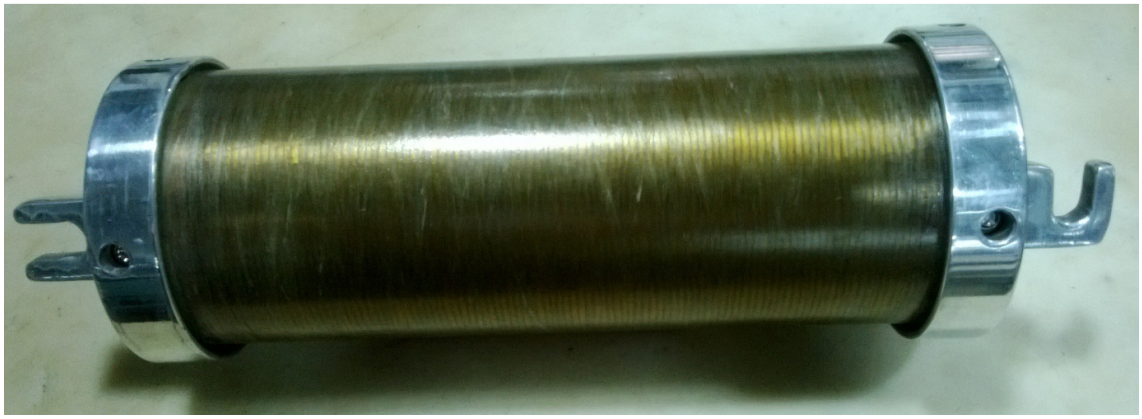
EPOXY CASTED (EFF / EOF-TYPE), WIRE WOUND, HIGH VOLTAGE, IMPULSE RESISTORS WITH CORONA FREE END FLANGES.

FEATURES:

1. High withstanding voltage capacity between outer surface & terminals for Lightening and Switching Impulse applications.
2. High thermal load capacity as the low ppm, Ni-Cr (80-20) wire is used.
3. Low inductance due to non inductive Arryton - Perry type winding.
4. Low resistance variations through wide range of operating temperature – Long term resistance stability.
5. Sturdy surface layer due to high inter molecular bonding.
6. Mechanical Strength more as compared to Silicone.
7. Resistance tolerances – standard 5%, 3%, 2% & 1% also available on demand.
8. Terminals as per customer design/drawings. (Aluminum or electroplated brass, gun metal etc.)
9. Available in cylindrical (EFF) as well as oblong / elliptical (EOF) version.

APPLICATIONS:

1. Impulse resistors are used with Impulse generators (of any design) for the generation of Lightening and Switching waveforms: Front (series) resistors, Tail (parallel) resistors, charging resistors, earthing resistors.
2. Measuring resistors for resistive impulse voltage dividers.
3. Resistors for damped capacitive voltage dividers.
4. Resistors for recurrent surge generators.



Note: In order to design and quote for the resistor, following information is required:

- Resistance value with tolerance.
- Operating voltage.
- Energy (impulse load) in kJ, impulse repetition rate and duty cycle.
- Application of resistor.
- Overall dimensions and limitations and details of terminals (with diagrams).