

Standoff Insulators

5 KV INSULATORS

Physical and Electrical Properties

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|---|--------|
| Tensile Strength (lbs.)..... | 4500 |
| Cantilever Strength (in. lbs.)..... | 2500 |
| Compression Strength (lbs.)..... | 22000 |
| Thread Stripping Torque (ft. lbs.)..... | 30 |
| Arc Resistance (sec. ASTM D495)..... | 180 + |
| Water Absorption (% in 24 hrs. @ 23°C)..... | 0.15 |
| UL subject 94 Flame Resistance..... | 94 V-0 |
| 3/8-16x.8 Deep Steel Inserts..... | N/A |
| 4-On Top..... | N/A |
| 2,4, or 5-On Bottom..... | N/A |



| Item | Voltage Rating | Shape | Diameter | Height | Inserts | | Pkg qty |
|------------------------|----------------|-------|----------|--------|------------------|-------|---------|
| 6350-S10 4x2 Red | 5000 | Round | 3.750 | 3.50 | 3/8-16 x 5/8 | Steel | 18 |
| 6350-S10 4x2 Gray | 5000 | Round | 3.750 | 3.50 | 3/8-16 x 5/8 | Steel | 18 |
| 6350-S10 4x4 Grey | 5000 | Round | 3.750 | 3.50 | 3/8-16 x 5/8 | Steel | 18 |
| 6350-S10 4x4 Red | 5000 | Round | 3.750 | 3.50 | 3/8-16 x 5/8 | Steel | 18 |
| 6350-S6/S10 4x4x1 Red | 5000 | Round | 3.750 | 3.50 | Call for details | Steel | 18 |
| 6350-S6/S10 4x4x1 Gray | 5000 | Round | 3.750 | 3.50 | Call for details | Steel | 18 |

All GRT Genesis Standoff Insulators are moulded from a Flame Retardant and Track Resistant glass reinforced Thermoset Polyester molding compound recognized for current carrying devices under UL Material Recognition Number E 80533 (N). They combine high Mechanical Strength with high Arc Resistance and Dielectric properties at elevated temperatures and humidity. These shatter resistant insulators meet the most exacting standards for a variety of applications.