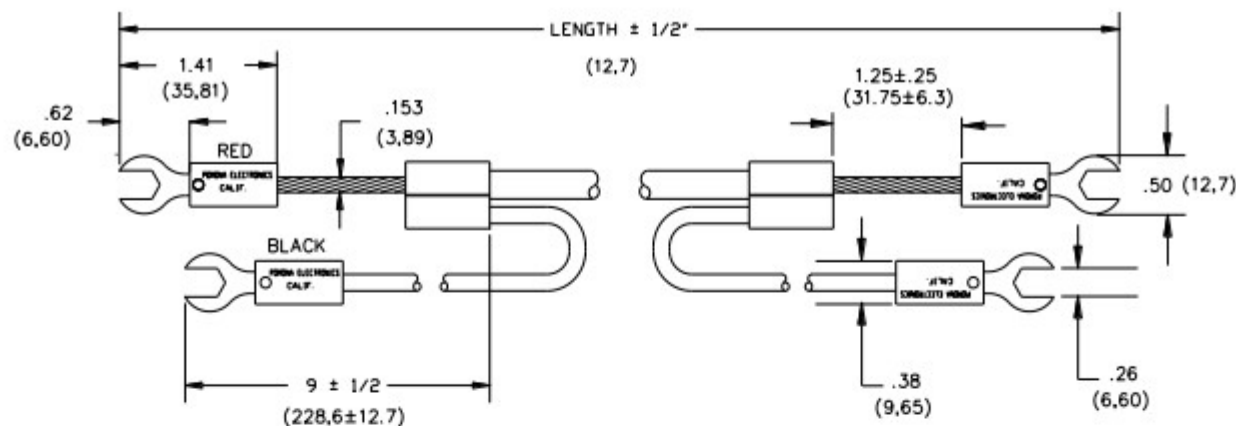




Features

- Pomona's Model 1756 is part of a family of test accessories ideal for low voltage precision measurements.
- Spade lugs are of high conductivity, gold plated ETP copper alloy 110, to greatly minimize the effects of Thermal Electric Voltage (Thermal EMF).
- Thermal EMF is generated at the junction of dissimilar metals at different temperatures and is a common source of error in low micro and nano volt measurements.
- In addition, low Thermal EMF spade lugs are attached to the wire shield to lessen interference, interaction, or leakage which might affect the accuracy of your precision voltage measurement.

Materials

- Spade Lugs: ETP (Electrolytic Tough Pitch) 110 Copper Alloy, $\frac{1}{2}$ Hard, Gold Plated
 Insulation: Polypropylene, molded to spade lug body and wire. Color: Red and Black
 Marking: "POMONA ELECTRONICS CALIF"
- Cable: 12 AWG; Stranding 7 x 38/36 Bare Copper, Braided Bare Copper Shield
 Inner Insulation: Natural Polyethylene, O.D. $.153$ " (3,89mm)
 Outer Jacket: PVC, Color: Black, O.D. $.246$ " (6,25mm)
 Marking: "POMONA 1756-XX"
- Shield Lead: 18 AWG, Stranding 65 x 36 t.c., PVC Insulated, O.D. $.144$ " (3,66mm)

Ratings

- Voltage: For *CE compliance* and for personal safety, do not hold in hand when voltages exceed 30 Vrms/60 Vdc.
 Maximum voltage for *hands free use* in controlled testing environments: 2000 Vrms Max.
 Do not use on circuits where transient stresses can exceed the rated voltage.
- Temperature: $+55^{\circ}\text{C}$ ($+131^{\circ}\text{F}$) Max.
- Current: 20 Amperes Max.