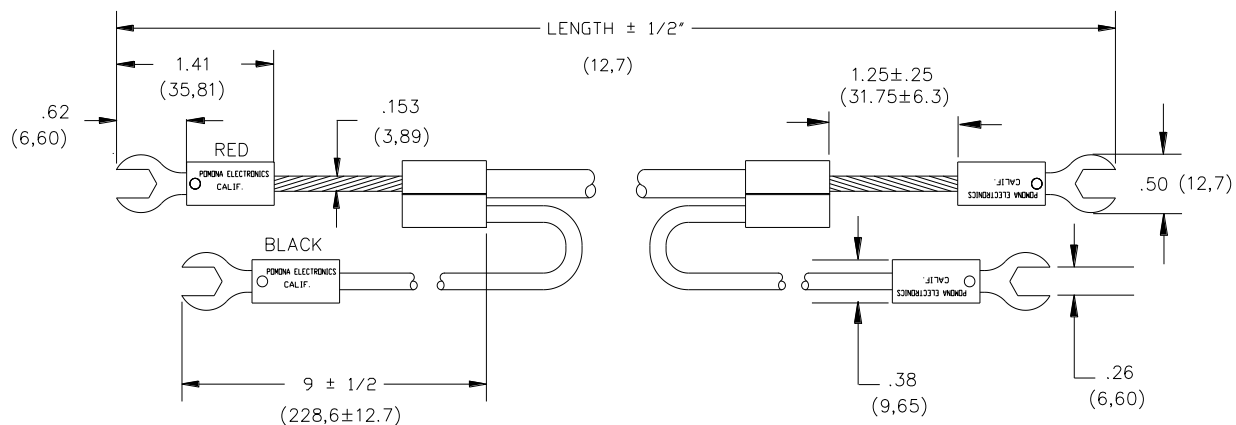


## Model 1756 Shielded Low Voltage Spade Lug Patch Cord



### 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, ½ 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°C (+131°F) Max.

**Current:** 20 Amperes Max.

### Ordering Information

Model 1756-XX

XX = Lead Length in Inches, Standard Length: 24" (60,96cm) & 48" (121,92cm)

Additional lengths can be quoted upon request.

**USA:** Sales: 800-490-2361  
Technical Support: [technicalsupport@pomonatest.com](mailto:technicalsupport@pomonatest.com)  
Fax: 425-446-5844

**Europe:** 31-(0) 40 2675 150 **International:** 425-446-5500

**Where to Buy:** [www.pomonaelectronics.com](http://www.pomonaelectronics.com)

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (.51 mm), .xxx = ±.005" (.127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.