



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

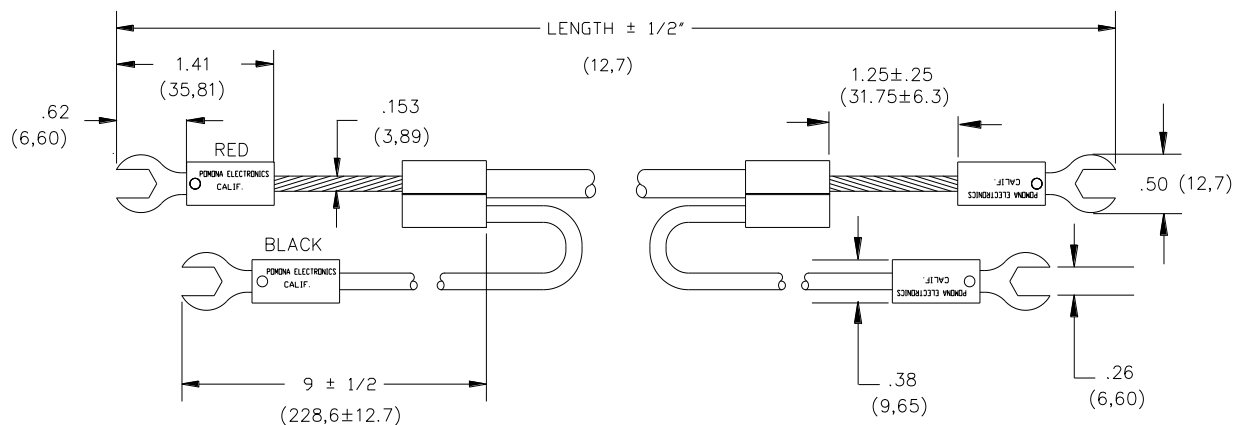
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## Model 1756 Shielded Low Voltage Spade Lug Patch Cord



### 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, 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°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.