

# LOWTHERMAL™

Excellence in Standards and Repair



## Model 2758 Low Thermal EMF Binding Posts

**Low thermal EMF, Low leakage binding posts for standards and precision measurement equipment applications**

### Features

- Low thermal EMF five way binding post
- All nylon insulator material
- Direct gold plated for increased oxidization resistance
- Low transient thermal EMF, fast settling
- RoHS compliant

### Description

The 2758 is a new 5-way binding post designed specifically for standards and precision measurement equipment applications. The binding post conducting materials are manufactured from tellurium copper and are direct plated with gold for high corrosion resistance. The use of tellurium copper instead of beryllium copper or brass, as well as gold plating with no nickel under plating ensure these posts exhibit the lowest contribution of thermal EMF. The 2758 feature nylon for all insulator materials to provide the lowest leakage and the highest mechanical reliability compared to other plastics used for binding posts. The plastic parts are virtually unbreakable and will not absorb oils and other contaminants over time that degrades measurement performance. An insertion ramp is included in the barrel to extend the life of the mating plug and post bore. Finally, careful attention to placement of metal mass within the body of the post minimizes the transient thermal EMF created by the heat from friction and from the user's fingers while tightening the cap, minimizing the settling time after lead changes.

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## Models and ordering information

Standard colors are black bodies with red, black, blue, or green colored coded inserts. OEM customers can specify custom colors for the body and inserts, plating options, and stud length.

2758-xx            xx= 00 black insert  
                      xx= 02 red insert  
                      xx= 05 green insert  
                      xx= 06 blue insert

OEM customers needing customization options should contact the Low Thermal's sales department: [sales@lowthermal.com](mailto:sales@lowthermal.com) or at 254.687.9700

## Accessories

Accessories are available that compliment the 2758 Low Thermal Binding Posts and ensure the highest performance in demanding applications.

Low Thermal Fork Terminal  
2758-Fork



Low Thermal ring terminal  
2758-Ring



Chassis ground adapter  
2758-Gnd



## Specifications

*\*Preliminary data. Specifications subject to change.*

