

## Model 72977 SMA (M) TO SMB (F)



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# High bandwidth, small size, and durability for confident connections.

### **Features**

- DC 4 GHz.
- Meets MIL-C-39012, IEC 169-15, CECC 22110.
- Small size and durability for mobile communications.
- Precision machined and gold-plated for low loss.

#### **Materials**

- Body is machined brass with gold plating.
- Center Contacts Plug is gold plated brass and Jack is gold plated Beryllium copper.
- Insulators are high quality PTFE.
- Crimp Ferrules are copper with gold or nickel plating.
- Gaskets are silicone rubber.

### **Ordering Information**

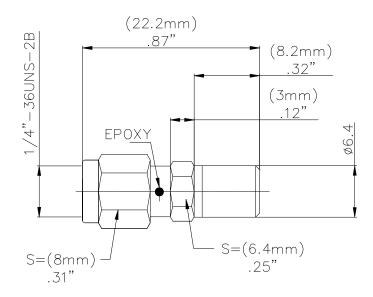
Model: 72977

Description: SMA (M) TO SMB (F)

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

Where to Buy: www.pomonaelectronics.com



### **Specifications**

Impedance	50 Ω
Frequency Range	DC- 4 GHz
Working Voltage	< 500 Vpeak
Dielectric Withstanding Voltage	1,000 Vrms
VSWR	1.35 max.
Center/Outer Contact Resistance	0.006/0.002 Ω max
Insulation resistance	> 5000 MΩ
Number of Insertions	500 cycles minimum
Temperature Range	-65° C to 165° C, -85° F to 329° F

All dimensions are in inches. Tolerances (except noted):  $xx = \pm .02$ " (.51 mm),  $.xxx = \pm .005$ " (.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. D2003416 REV 001