

### Super SMA Adapters

DC to 27.0 GHz

**Application:**

- DC to 27.0 GHz High Performance

**Features:**

- Mode Free Through 27.0 GHz.
- Low VSWR:  
DC to 18.0 GHz.....1.10:1 max.  
18.0 to 27.0 GHz.....1.15:1 max.
- Minimum VSWR Contribution When Used as Connector Savers
- Performance Consistency Unit-to-unit
- Temperature Rating -55°C to +165°C

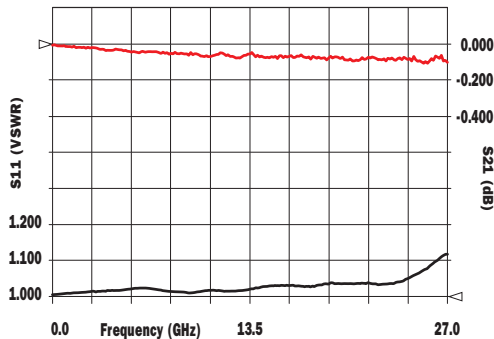
**Interface:**


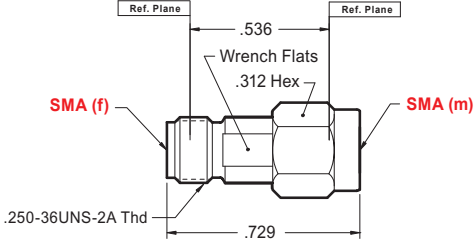

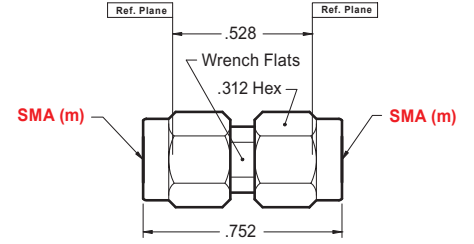

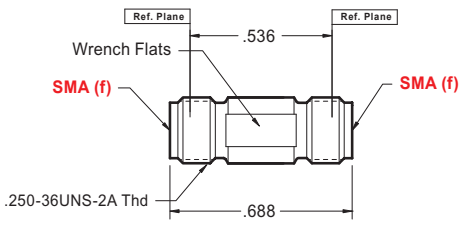

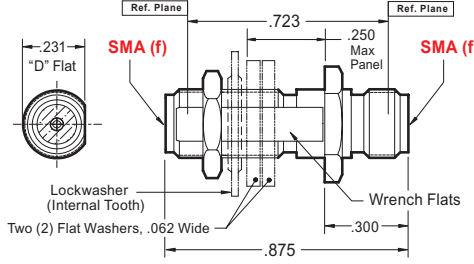
- Per MIL-STD-348  
SMA Figs. 310-1 and 310-2

**Construction:**

- Housing: Stainless Steel, Passivated
- Contact: Beryllium Copper (BeCu)  
Gold Plated Per MIL-G-45204
- Dielectric:  
PTFE Fluorocarbon Per ASTM D 1457
- Center Contact Capture:  
Ultem 1000 Per ASTM D 5205

**Super SMA Adapter (Model # 232-502SF) Test Data**



<p><b>SMA (m) to (f)</b> (27 GHz)</p>  <p><b>Model 230-506SF</b></p>	
<p><b>SMA (m) to (m)</b> (27 GHz)</p>  <p><b>Model 231-502SF</b></p>	
<p><b>SMA (f) to (f)</b> (27 GHz)</p>  <p><b>Model 232-502SF</b></p>	
<p><b>SMA (f) to (f)</b> Bulkhead (27 GHz)</p>  <p><b>Model 232-510SF</b></p>	

All Southwest Microwave Models are Suitable for Space / Hi-Rel Applications (see page 109).