



### SMA Connector Series

#### RE-C-SMA006B SMA Connector Sizes

##### Electrical Specifications:

Impedance: 50 Ω  
 Frequency Range Semi-rigid cable: 0-18 GHz  
 Flexible cables: 0-12.4 GHz  
 Voltage Rating : 335 volts rms.  
 Dielectric Withstanding Voltage : 500 volts rms.  
 VSWR : 1.15 +0 .02 f (GHz) for Straight connector typical  
 1.25 +0 .025 f (GHz) for Right angle connector typical  
 Contact Resistance Center contact: 2.0 mΩ  
 Body: 2.0 mΩ  
 Insulation Resistance: 5,000 MΩ

##### Mechanical Specifications:

Mating:1/4"-36 UNS thread coupling  
 Cable retention:6kgf typical  
 Durability:500Cycles Min.  
 Coupling nut retention:18kgf Min.  
 Temperature Range: - 55°C to +155°C

##### Material:

Connector body: Brass per QQ-B-626 ,gold Plating or nickel  
 Center contact Male: Brass,gold Plating  
 Center contact Female: Beryllium copper,gold Plating  
 Insulator: PTFE  
 Gasket:Silicone rubber  
 Crimp Ferrule:Annealed copper

### ORDER INFORMATION

Product NO.: RE-C-SMA006B

