



SMA COAXIAL CONNECTORS

SMA, SMB, SMC CONNECTOR PROPERTIES

Electrical		Material	
Impedance:	50 Ω	Body:	Brass with Gold or Nickel Overplate except SMA-2518N, SMA-2517, SMB-2870
Frequency Range:	Semi-rigid Cable: 0-18GHz Flex Cable: 0-12 GHz	Contact:	Male: Brass w/ 50μ" Gold finish Female: Beryllium Copper w/50μ" Gold finish
Voltage Rating:	RG-58 group: 500V Peak RG-174, 316 Group: 375V Peak	Insulator:	PTFE (Teflon)
Contact Resistance:	Center: 2.0mΩ; Body: 2.0mΩ; Braid-Body: 0.5mΩ	Gasket:	Silicone Rubber
Insulation Resistance:	5000 Meg Ω	Crimp Ferrule:	Seamless copper tubing alloy

CRIMP TERMINATION

<p>Straight Crimp Plug - Captive Contact</p>  <p>SMA-2501 <i>Cable Group: RG 316/U, RG174/U</i> Gold Plated Body</p>	<p>Straight Crimp Plug - Captive Contact</p>  <p>SMA-2518 <i>Cable Group: RG 58/U</i> Gold Plated Body</p> <p>SMA-2518N <i>Cable Group: RG 58/U</i> Nickel Plated Body</p>	<p>SMA Hex Nut & Lock Washer</p>  <p>Washer Nut</p> <p>SMA-HN8-G Hex Nut Gold Plated SMA-HN8-N Hex Nut Nickel Plated</p> <p>SMA-LW102-G Lock Washer Gold Plated SMA-LW102-N Lock Washer Nickel Plated</p>
<p>Bulkhead Crimp Jack - Captive Contact</p>  <p>SMA-2703 <i>Cable Group: RG 316/U, RG174/U</i> Gold Plated Body</p>	<p>Right Angle Crimp Plug - Captive Contact</p>  <p>SMA-2508 <i>Cable Group: RG 58/U</i> Gold Plated Body</p>	<p>Right Angle Crimp Plug - Captive Contact</p>  <p>SMA-2507 <i>Cable Group: RG 316/U, RG174/U</i> Gold Plated Body</p>
<p>Straight Crimp Plug</p>  <p>SMA-2517N For RG316/U, RG174/U, Nickel Body</p>	<p>Bulkhead Crimp Jack</p>  <p>SMA-2705 For RG58/U, 141/U, 143 SMA-2705N Nickel Plated Body</p>	<p>Straight Crimp Jack - Captive Contact</p>  <p>SMA-2717 <i>Cable Group: RG 316/U, RG174/U</i> Gold Plated Body</p>