



*Dimensions are in mm

Configuration

Connector 1 Type	SMA Female
Connector 1 Impedance	50 Ohms
Connector 1 Polarity	Standard
Connector 2 Type	SMA Female
Connector 2 Impedance	50 Ohms
Connector 2 Polarity	Standard
Connector Mount Method	Bulkhead
Adapter Body Style	Straight

Electrical Specifications

Frequency	DC to 18 GHz
Insertion Loss (dB)	$\leq 0.1 \times \text{sqrt}(f_{\text{GHz}})$
VSWR /Return Loss	1.25
Hermetic Seal	1×10^{-8} cc/sec of Helium at 1 ATM

Materials Information

Center Contact	CuBe Gold 0.12um Plated
Outer Contact	Stainless Steel Gold 0.25um Plated
Body	Stainless Steel Gold 0.25um Plated
Gasket	Silicon rubber (Black)
Dielectric	PTFE & Glass

Environmental Data

Temperature Range	-40°C to +125°C
2011/65/EU(RoHS)	Compliant
Standard	IEC60169-15

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