



CA-SFQMR

SMA Female to QMA Male Right Angle Adapter

General Specifications

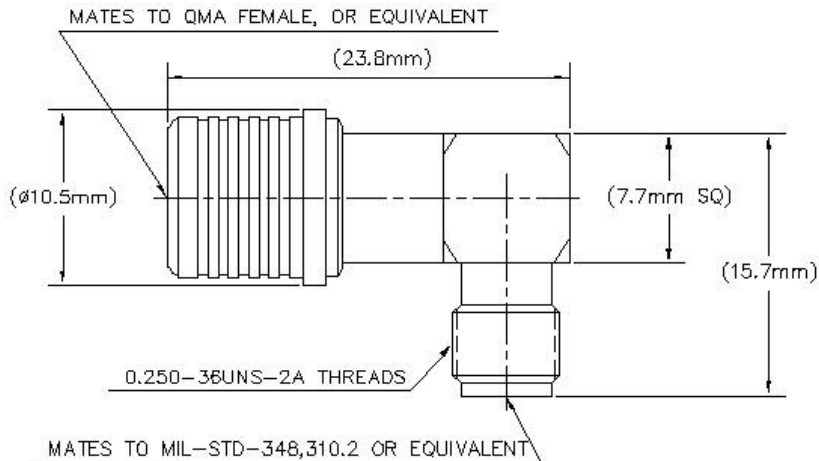
Product Type	Adapter
Interface	SMA Female
Interface 2	QMA Male
Body Style	Right angle
Mounting Angle	Right angle

Electrical Specifications

Connector Impedance	50 ohm
Operating Frequency Band	0 – 11000 MHz
RF Operating Voltage, maximum (vrms)	500.00 V
dc Test Voltage	1000 V
Outer Contact Resistance, maximum	2.50 mOhm
Inner Contact Resistance, maximum	3.00 mOhm
Insulation Resistance, minimum	5000 MOhm
Average Power	100.0 W @ 900 MHz
Peak Power, maximum	5.00 kW

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Outline Drawing



Mechanical Specifications

Inner Contact Plating	Gold
Insertion Force	22.00 N 4.95 lbf
Insertion Force Method	IEC 61169-15:9.3.5
Interface Durability	100 cycles
Interface Durability Method	IEC 61169-16:9.5
Outer Contact Plating	Trimetal
Pressurizable	No

Dimensions

Diameter	17.06 mm 0.67 in
Length	23.80 mm 0.94 in
Weight	9.02 g 0.02 lb
Width	10.50 mm 0.41 in

Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Mechanical Shock Test Method	IEC 60068-2-27
Climatic Sequence Test Method	IEC 60068-1
Damp Heat Steady State Test Method	IEC 60068-2-3
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6
Corrosion Test Method	IEC 60068-2-11

Standard Conditions

CA-SFQMR

Attenuation, Ambient Temperature 20 °C | 68 °F
Average Power, Ambient Temperature 40 °C | 104 °F
Average Power, Inner Conductor Temperature 100 °C | 212 °F

Return Loss/VSWR

Frequency Band	VSWR	Return Loss (dB)
0-3000 MHz	1.04	33.74
3000-6000 MHz	1.07	29.91
6000-11000 MHz	1.24	19.43

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

