

Snap-On QMA Male to SMA Female Adapter



LCAD91345

Configuration

- Snap-On QMA Male Connector 1
- SMA Female Connector 2
- Impedance 50 Ohm
- Straight Body Geometry

Description

The L-com LCAD91345 Standard adapter has a straight body geometry and is suitable for general-purpose test applications. This RF adapter has an QMA Male to SMA Female connector and a PTFE dielectric, which makes it resistant to lubricants and fuels. The Male coaxial adapter has a Brass contact and a maximum operating AC voltage of 500 Vrms.

This Standard adapter has an QMA interface that brings interoperability of coaxial connectors, as well as a basis for the Hi-Rel design and construction of these components. This L-com 500 Vrms connector RF adapter can operate at a temperature range of -40 to 80 deg C and has high repeatability.

The LCAD91345 coaxial adapter has a maximum frequency range of 6 GHz and is most used for Testing, Measurement, Satcom, Military, and Defense industries. This RF adapter has Gold plating and is designed to enable connections in RF and microwave systems between two of the same or different connector types. The L-com QMA adapter is constructed with a Brass body and has Tri-Metal plating.

The QMA Male adapter is one of the thousands of RF products available from L-com in-stock inventory with same-day shipment for domestic and international orders. Make your online purchase right now for a high-quality 6 GHz coaxial adapter and take advantage of our same-day shipping. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the perfect Brass RF adapter for your requirement.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.18:1	
Insertion Loss			0.17	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms
RF Leakage			70	dB

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Mechanical Specifications

Size		
Length	0.93in	23.62mm]
Width	0.41in	[10.41mm]
Height	0.41in	[10.41mm]
Weight	0.0178lbs	[8.07g]

Description	Connector 1	Connector 2
Type	QMA Male	SMA Female
Polarity	Standard	Standard
Mating Cycles	100	100
Contact Captivation Axial Force, Min	6.07 lbs [2.75 kg]	6.07 lbs [2.75 kg]
Contact Captivation Torque, Min	0.63 in-lbs [0.07 Nm]	0.63 in-lbs [0.07 Nm]

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	Snap-On QMA Male		SMA Female	
Contact	Brass	Gold 51μ in. minimum	Beryllium Copper	Gold 51μ in. minimum
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Tri-Metal
Body	Brass	Tri-Metal	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal		

Environmental Specifications

Temperature

Operating Range	-40°C to +80°C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Snap-On QMA Male to SMA Female Adapter from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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L-com CAD Drawing

