

Push-On 75 Ohm F Male to 75 Ohm F Female Adapter



LCAD9798

Configuration

- Push-On F Male Connector 1
- F Female Connector 2
- 75 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.5:1 up to 1,000 MHz
- Tin Plated Contact
- 40 μ -in min Tin Contact Plating

Applications

- Connector Saver
- General Purpose Test

Description

L-com's LCAD9798 type F push-on 75 ohm F male to type F female adapter is part of our full line of RF components available for same-day shipping. Our type F to type F adapter has a male to female gender configuration. LCAD9798 type F male to type F female adapter operates to 1,000 MHz. The L-com RF adapter provides good VSWR of 1.5:1 maximum. The LCAD9798 L-com RF adapter can also be used as a connector saver to extend equipment life.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/ disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. L-com also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		75 Ohm		
VSWR		1.43:1	1.5:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size

Length	0.93 in [23.62 mm]
Width	0.43 in [10.92 mm]
Height	0.43 in [10.92 mm]
Weight	0.02 lbs [8.62 g]

Description	Connector 1	Connector 2
Type	F Male	F Female
Polarity	Standard	Standard
Mating Cycles, Min	500	500

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	Push-On F Male		F Female	
Contact	Copper	Tin 40 µin minimum	Phosphor Bronze	Tin 40 µin minimum
Insulation	POM		PP	
Outer Conductor			Brass	Nickel
Body	Brass	Nickel		

Environmental Specifications

Temperature

Operating Range

-40 to +60 °C

Vibration

MIL-STD-202, Method 204, Condition D

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Push-On 75 Ohm F Male to 75 Ohm F 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.

URL: <https://www.l-com.com/f-male-f-female-straight-adapter-lcad9798-p.aspx>

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 implement 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.

LCAD9798 CAD Drawing
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