

7/16 DIN Male Connector Clamp/Non-Solder Contact Attachment for LMR-900, LMR-900-LLPL



EZ-900-716MC-2-SP



Times Microwave Systems Connector Specification

Configuration

- 7/16 DIN Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-900, LMR-900-LLPL

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.35:1
- Silver Plated Brass Contact
- 200 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Times Microwave's EZ-900-716MC-2-SP, 7/16 DIN, Standard, Connector is part of our full line of RF components available for same-day shipping. Times Microwave's 7/16 DIN male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.35:1.

Times Microwave's 7/16 DIN male connector EZ-900-716MC-2-SP datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Insertion Loss			0.245	dB
Test Voltage (DC)			2,500	Vdc
Insulation Resistance	10,000			MOhms
Impedance		50		Ohms

Electrical Specification Notes:
Insertion loss is equal to $0.1 \times \sqrt{F(\text{GHz})}$

Mechanical Specifications

Size

Length	2.28 in [57.91 mm]
Width	1.36 in [34.54 mm]
Height	1.36 in [34.54 mm]
Weight	1.18 lbs [535.24 g]
Mating Cycles	500 Cycles
Mating Torque	25 in-lbs [[2.83 Nm]]
Cable Retention Force	500 lbs [226.8 kg]

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Material Specifications

Description	Material	Plating
Contact	Brass	Silver 200 µin minimum
Insulation	PTFE	
Body	Brass	Tri-Metal 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum
Gasket	Silicone	

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Shock

MIL-STD 202G, Meth.213, Cond I

Vibration

MIL-STD 202G, Meth.204, Cond.B

Thermal Shock

MIL-STD 202G, Meth.107, Cond.B

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

Plotted and Other Data

Notes:

7/16 DIN Male Connector Clamp/Non-Solder Contact Attachment for LMR-900, LMR-900-LLPL from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male Connector Clamp/Non-Solder Contact Attachment for LMR-900, LMR-900-LLPL EZ-900-716MC-2-SP](#)

URL: <https://www.pasternack.com/7-16-din-male-lmr-900-connector-ez-900-716mc-2-sp.html>

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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

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