

75 Ohm F Male Connector Crimp/Non-Solder Contact Attachment for LMR-240-75, LMR-240-75-DB, LMR-240-75-FR



EZ-240-FM-75-X

Configuration

- F Male Connector
- 75 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-240-75, LMR-240-75-DB, LMR-240-75-FR

Features

- Max. Operating Frequency 1 GHz
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- 50 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

Description

Times Microwave's EZ-240-FM-75-X type F, F, Connector is part of our full line of RF components available for same-day shipping. Times Microwave's type F male connector operates up to a maximum frequency of 1 GHz and offers good VSWR of 1.3:1.

Times Microwave's 75 ohm type F male connector EZ-240-FM-75-X 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		1,000	MHz
VSWR			1.3:1	
Insertion Loss			1	dB
Dielectric Withstanding Voltage (AC)			750	Vrms
Insulation Resistance	5,000			MOhms
Impedance		75		Ohms

Electrical Specification Notes:
Insertion loss is $=0.1 \times \sqrt{\text{FGHz}}$

Mechanical Specifications

Size

Length	0.56 in [14.22 mm]
Width	0.56 in [14.22 mm]
Height	1.7 in [43.18 mm]
Weight	0.016 lbs [7.26 g]
Mating Cycles	500 Cycles
Mating Torque	1.7 in-lbs [[0.19 Nm]]
Cable Retention Force	150 lbs [68.04 kg]

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 50 µin minimum
Insulation	PTFE	
Body	Brass	Tri-Metal 80 µin minimum
Coupling Nut	Copper	Tri-Metal 80 µin minimum
Gasket	Silicone	
Crimp Sleeve	Copper	Tri-Metal 80 µin minimum

Environmental Specifications

Temperature

Operating Range

Shock

Vibration

-40 to +125 deg C

MIL-STD-202G, Method 213, Cond I

MIL-STD-202G, Method 204, Cond B

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

Plotted and Other Data

Notes:

75 Ohm F Male Connector Crimp/Non-Solder Contact Attachment for LMR-240-75, LMR-240-75-DB, LMR-240-75-FR 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: [75 Ohm F Male Connector Crimp/Non-Solder Contact Attachment for LMR-240-75, LMR-240-75-DB, LMR-240-75-FR EZ-240-FM-75-X](#)

URL: <https://www.pasternack.com/f-male-lmr-240-75-connector-ez-240-fm-75-x-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. 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.

EZ-240-FM-75-X CAD Drawing

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