

UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-400 Cable

Times Microwave Systems Connector Specification

UHF Male Standard Connector Crimp/Non-Solder Contact Attachment for LMR-400 Cable, part number EZ-400-UM-X, from Fairview Microwave is in-stock and ships same day. This UHF male connector operates up to a maximum frequency of 3 GHz.

Fairview's UHF male connector EZ-400-UM-X datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Insertion Loss			0.17	dB
Operating Voltage (AC)			500	Vrms
DWV (AC)			2,000	Vrms
Insulation Resistance	10,000			MOhms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Freq. Range	DC to 2.45					GHz
VSWR, Max	1.3:1					

Mechanical Specifications

Size	
Length	1.87 in [47.5 mm]
Width/Dia.	0.78 in [19.81 mm]
Height	0.78 in [19.81 mm]
Weight	0.093 lbs [42.18 g]
Mating Cycles	500 Cycles
Cable Retention Force	120 lbs [54.43 kg]

Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Silver 200 µin
Insulation	PTFE	
Body	Brass	Tin/Nickel 100 µin



Configuration:

- UHF Male Connector
- 50 Ohms
- Straight Body Geometry
- LMR-400 Interface Type
- Crimp/Non-Solder Contact Attachment

Features:

- Operating Frequency of 3 GHz Max.
- silver Plated Phosphor Bronze Contact
- 200 µin contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

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Coupling Nut	Brass	Tin/Nickel 100 µin
Crimp Sleeve	Copper	Tin/Nickel 100 µin

Environmental Specifications

Temperature

Operating Range	-40 to 125 deg C
Shock	MIL-STD 202, Meth. 213, Cond. G
Vibration	MIL-STD 202, Meth. 204, Cond. B
Thermal Shock	MIL-STD 202, Meth. 107, Cond. B

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

Plotted and Other Data

Notes:

UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-400 Cable from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [UHF Male Connector Crimp/Non-Solder Contact Attachment for LMR-400 Cable EZ-400-UM-X](#)

URL: <https://www.fairviewmicrowave.com/uhf-male-lmr-400-connector-ez-400-um-x-p.aspx>

The information contained in 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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

