

7/16 DIN Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable



## EZ-400-716M-RA-X-LC



### Times Microwave Systems Connector Specification

#### Configuration

- 7/16 DIN Male Connector
- 50 Ohms
- Right Angle Body Geometry
- LMR-400, LMR-400-DB, LMR-400-FR, 400-Series Interface Type
- Crimp/Non-Solder Contact Attachment

#### Features

- Designed to industry standard interface dimensions
- Quality body materials and plating
- Crimp/Non-Solder Contact attachment
- Operates to 3 GHz

#### Applications

- RF Boxes and components
- RF Test systems
- General Purpose RF Interconnect
- Laboratory applications

#### Description

L-com's 7/16 DIN Male connector for LMR-400, LMR-400-DB, LMR-400-FR and 400-Series coax uses a Crimp/Non-Solder Contact attachment method. This 7/16 DIN connector is one of the many RF coaxial connectors in L-com's product line up and like all our products, they will ship the same day. Our 7/16 DIN Male connector operates up to a maximum frequency of 3 GHz.

The specifications and a basic dimensional drawing for EZ-400-716M-RA-X-LC Male 7/16 DIN connector can be found in this data-sheet PDF. L-com's portfolio of RF and microwave connectors allows users to choose from a large number of options when building assemblies to fit their RF interconnect needs. RF cables can be created to fulfill many interconnect applications ranging from In the Box hookup, test equipment connectivity or as part of a system installation. In addition to an offering of RF connectors and coaxial cable L-com offers both standard and custom cable assemblies to fit a customer's specific needs.

#### Electrical Specifications

| Description                          | Minimum | Typical | Maximum | Units |
|--------------------------------------|---------|---------|---------|-------|
| Frequency Range                      | DC      |         | 3       | GHz   |
| VSWR                                 |         |         | 1.15:1  |       |
| Insertion Loss                       |         |         | 0.1     | dB    |
| Dielectric Withstanding Voltage (AC) |         |         | 2,500   | Vrms  |

#### Mechanical Specifications

##### Size

|            |          |           |
|------------|----------|-----------|
| Length     | 1.64in   | [41.66mm] |
| Width/Dia. | 1.26in   | [32.00mm] |
| Height     | 1.74in   | [44.2mm]  |
| Weight     | 0.367lbs | [166.47g] |

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 Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable EZ-](#)

7/16 DIN Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable



**EZ-400-716M-RA-X-LC**



**Material Specifications**

| Description  | Material      | Plating               |
|--------------|---------------|-----------------------|
| Contact      | Spring Copper | Silver<br>200µ In.    |
| Insulation   | PTFE          |                       |
| Body         | Brass         | Tri-Metal<br>150µ In. |
| Coupling Nut | Brass         | Tri-Metal<br>150µ In. |

**Environmental Specifications**

**Temperature**

Operating Range

-55°C to +155°C

Shock

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

Vibration

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

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

**Plotted and Other Data**

7/16 DIN Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable 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. 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 Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable EZ-400-716M-RA-X-LC

URL: <https://www.l-com.com/7-16-din-male-right-angle-connector-crimp-non-solder-contact-attachment-lmr-400-lmr-400-db-lmr-400-fr-400-series-cable-ez-400-716m-ra-x-lc-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.

7/16 DIN Male Right Angle Connector Crimp/Non-Solder Contact Attachment for LMR-400, LMR-400-DB, LMR-400-FR, and 400-Series Cable

L-com CAD Drawing

