

7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for .600 inch, LMR-600, LMR-600-DB

RA 7/16 DIN male connector with crimp/solder attachment for .600 inch, LMR-600 and LMR-600-DB, part number FMCN1835, from Fairview Microwave is in-stock and ships same day. This 7/16 DIN male connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.15:1. Its right angle body geometry facilitates connections in tight spaces.

Fairview's RA 7/16 DIN male connector FMCN1835 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
VSWR			1.15:1	
Insertion Loss			0.05	dB
DWV (AC)			4,000	Vrms

Mechanical Specifications

Size	
Length	1.54 in [39.12 mm]
Width/Dia.	1.26 in [32.00 mm]
Height	1.96 in [49.78 mm]
Weight	0.282 lbs [127.91 g]
Mating Torque	221 in-lbs [24.97 Nm]

Material Specifications

Description	Material	Plating
Contact	Brass	Silver 3μ m minimum
Insulation	PTFE	
Outer Conductor	Brass	Tri-Metal 3μ m minimum
Body	Brass	Tri-Metal 3μ m minimum
Coupling Nut	Brass	Tri-Metal 3μ m minimum

Environmental Specifications

Temperature	
Operating Range	-40 to +85 deg C



Configuration:

- 7/16 DIN Male Connector
- 50 Ohms
- Right Angle Body Geometry
- .600 inch, LMR-600, LMR-600-DB Interface Type
- Crimp/Solder Attachment
- 1 1/4 in. Hex

Features:

- Operating Frequency of 3 GHz Max.
- Excellent VSWR of 1.15:1
- Silver Plated Brass Contact
- 3μ m minimum contact plating

Applications:

- General Purpose Test
- Custom Cable Assemblies

Fairview Microwave
301 Leora Ln., Suite 100
Lewisville, TX 75056
Tel: 1-800-715-4396 / (972) 649-6678
Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Shock
Vibration

MIL-STD 202,Meth.213, Cond. I
MIL-STD 202,Meth.204, Cond. B

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

Plotted and Other Data

Notes:

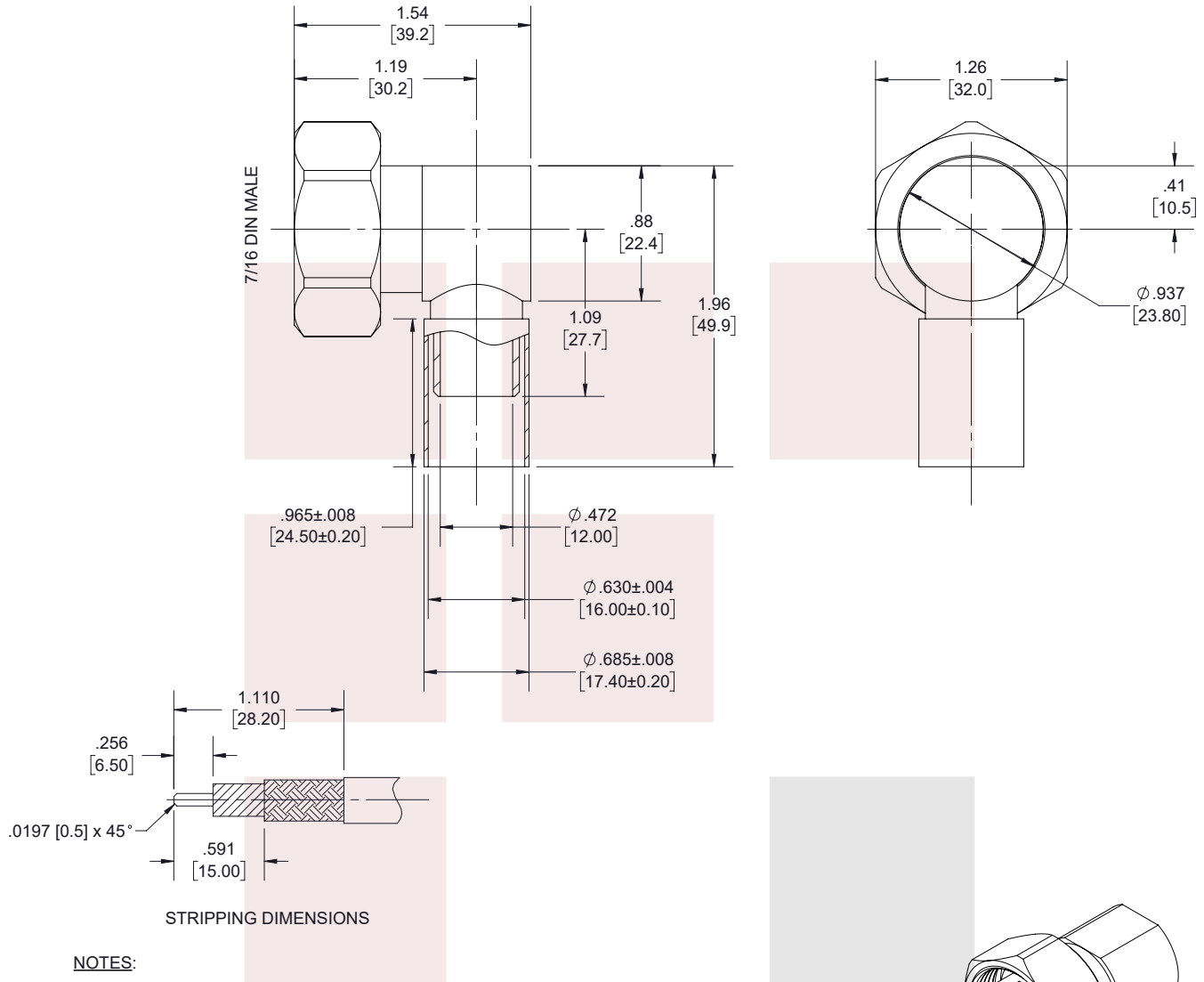
7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for .600 inch, LMR-600, LMR-600-DB from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for .600 inch, LMR-600, LMR-600-DB FMCN1835](#)

URL: <https://www.fairviewmicrowave.com/7-16-din-male-.600-lmr-600-lmr-600-db-connector-fmcn1835-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.

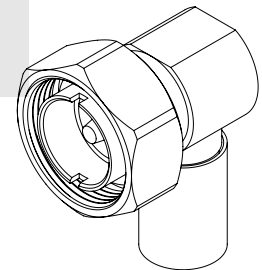
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/11/2022	A.GANWANI



NOTES:

- CABLE ATTACHMENT:
 - OUTER: CRIMP.
 - INNER: SOLDER.
- CRIMP SIZE REQUIRED:
 - FERRULE: .610" [15.5] HEX. CRIMP TOOL.
 - CONTACT: SOLDER.

THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.



TITLE

7/16 DIN Male Right Angle Connector Crimp/Solder Attachment for .600 inch, LMR-600, LMR-600-DB

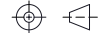
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ±.005 [13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
		300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION



THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.

SHEET 1 OF 1

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.GLEBOVA	ITEM NO. FMCN1835	REV A
--------	-----------------	--------------------	-------------------	-------

T-Rev.D