Fairview Microwave
an INFINITE brand

FMCA3292-24
DATA SHEET

Low Loss 7/16 DIN Male to 7/16 DIN Male Cable TCOM-240 Coax in 24 Inch with Times Microwave Components

The 7/16 DIN male to 7/16 DIN male 24 inch cable using TCOM-240 coax, part number FMCA3292-24, from Fairview Microwave is in-stock and ships same day. This Fairview 7/16 DIN to 7/16 DIN cable assembly has a male to male gender configuration with 50 ohm flexible TCOM-240 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMCA3292-24 7/16 DIN male to 7/16 DIN male cable assembly operates to 6 GHz. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.



Configuration:

- 7/16 DIN Male
- 7/16 DIN Male
- TCOM-240

Features:

- Max Frequency 6 GHz
- Double Shielded
- PE Jacket
- 500 Mating Cycles

Applications:

- General Purpose
- Laboratory Use

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.4:1	

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.25	0.5	1	2.5	6	GHz
Insertion Loss (Typ.)	0.28	0.31	0.35	0.45	0.6	dB

Electrical Specification Notes:
The Insertion Loss data above is based on the performance specifications of the coax and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1 dB per connector.

Mechanical Specifications

Cable Assembly

Length*	24 in [609.6 mm]
Weight	0.141 lbs [63.96 g]

Cable

Cable Type	TCOM-240
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Tinned Copper Braid
Jacket Material	PE, Black
Jacket Diameter	0.24 in [6.1 mm]

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Connectors

Description	Connector 1	Connector 2
Type	7/16 DIN Male Threaded	7/16 DIN Male Threaded
Impedance	50 Ohms	50 Ohms
Mating Cycles	500	500
Contact Material & Plating	Spring Copper, Silver	Spring Copper, Silver
Contact Plating Spec.	78µ in. minimum	78µ in. minimum
Dielectric Type	Teflon	Teflon
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Body Plating Spec.	78µ in. minimum	78µ in. minimum
Coupling Nut Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Coupling Nut Plating Spec.	78µ in. minimum	78µ in. minimum

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration: **FMCA3292 - xx uu**

- uu: cm = Centimeters; <blank> = Inches
- xx: Length

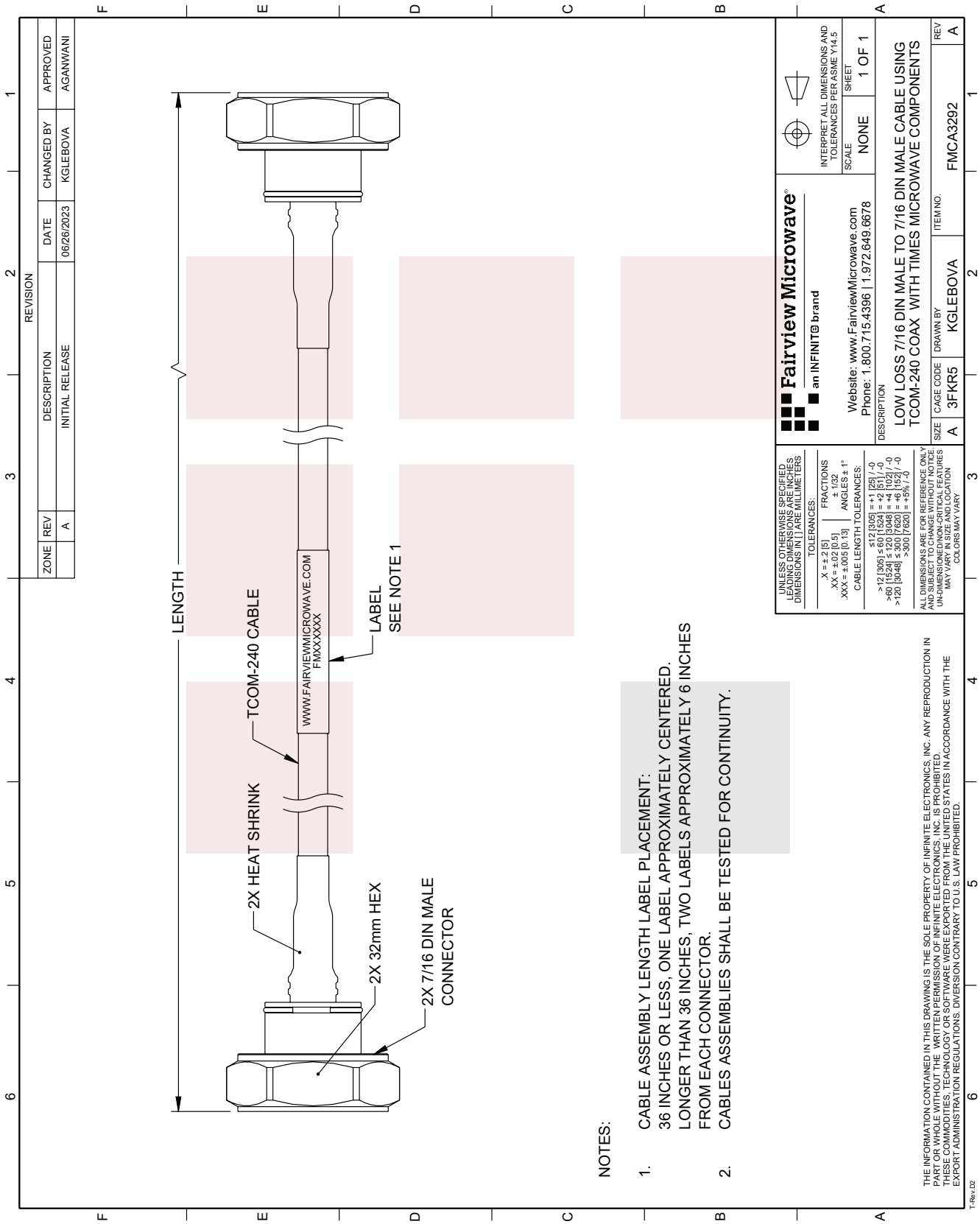
Example: FMCA3292-12 = 12 inches long cable
FMCA3292-100cm = 100 cm long cable

Low Loss 7/16 DIN Male to 7/16 DIN Male Cable TCOM-240 Coax in 24 Inch with Times Microwave Components from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: Low Loss 7/16 DIN Male to 7/16 DIN Male Cable TCOM-240 Coax in 24 Inch with Times Microwave Components FMCA3292-24

URL: https://www.fairviewmicrowave.com/low-loss-7-16-din-male-to-7-16-din-male-cable-tcom-240-coax-in-24-inch-with-times-microwave-components-fmca3292-24-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.



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