Fairview Microwave
an INFINITE brand

FMCA3294
DATA SHEET

Low Loss QD QMA Male to RA QMA Male Cable TCOM-240 Coax with Times Microwave Components

The QMA male qd to RA QMA male cable using TCOM-240 coax, part number FMCA3294, from Fairview Microwave is in-stock and ships same day. This Fairview QMA to QMA 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 FMCA3294 QMA male to QMA male cable assembly operates to 6 GHz. The right angle QMA interface on the TCOM-240 cable allows for easier connections in tight spaces. 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:

- QDQMA Male
- QMA Male Right Angle
- 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.)	0.036	0.052	0.075	0.123	0.197	dB/ft
	0.12	0.17	0.25	0.4	0.65	dB/m

Electrical Specification Notes:
Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.28 dB for the QMA male connector and 0.25 dB for the QMA male right angle connector

Mechanical Specifications

Cable Assembly

Weight	0.157 lbs [71.21 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]

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

Connectors

Description	Connector 1	Connector 2
Type	QMA Male Push-On	QMA Male Push-On
Impedance	50 Ohms	50 Ohms
Connection Method	QD	
Mating Cycles	500	500
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50 µin minimum	50 µ inches minimum
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating		Brass, Tri-Metal
Outer Cond Plating Spec.		80 µ inches minimum
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Body Plating Spec.	80 µin minimum	80 µ inches minimum
Coupling Nut Material & Plating	Brass, Tri-Metal	
Coupling Nut Plating Spec.	80 µin minimum	

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration: **FMCA3294 - xx uu**

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

Example: FMCA3294-12 = 12 inches long cable
FMCA3294-100cm = 100 cm long cable

Low Loss QD QMA Male to RA QMA Male Cable TCOM-240 Coax 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 QD QMA Male to RA QMA Male Cable TCOM-240 Coax with Times Microwave Components FMCA3294

URL: https://www.fairviewmicrowave.com/low-loss-qd-qma-male-to-ra-qma-male-cable-tcom-240-coax-with-times-microwave-components-fmca3294-p.aspx