Fairview Microwave

QMA Male Right Angle to QMA Male Right Angle Low PIM Cable Using TFT-402-LF Coax Using Times Microwave Components

The RA QMA male to RA QMA male cable using TFT-402-LF coax, part number FMCA2357, 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 TFT-402-LF coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. Our low PIM design offers excellent passive intermodulation performance with PIM levels better than -150 dBc. The FMCA2357 QMA male to QMA male cable assembly operates to 3 GHz. The right angle QMA interfaces on the TFT-402-LF cable allow for easier connections in tight spaces. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness of better than 80 dB.

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.

Electrical Specifications

Min	Т	ур	Мах	ι	Jnits
DC			3		GHz
			1.4:1		
	-	76			%
80					dB
			-150		dBc
	26.7	[87.6]		pF/f	t [pF/m]
	DC	DC 80	DC 76 80	DC 3 1.4:1 76 80	DC 3 1.4:1 76 80 -150

Performance	bv	Frea	uencv
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Description	F1	F2	F3	F4	F5	Units
Frequency	0.1	0.25	0.5	1	3	GHz
Insertion Loss (Typ.)	0.03	0.05	0.08	0.12	0.24	dB
	0.1	0.16	0.26	0.39	0.79	

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1*SQRT(FGHz) dB per connector.

Mechanical Specifications

Cable Assembly Length* Diameter

Cable

Cable Type Impedance 0 in [0 mm] 0.413 in [10.49 mm]

TFT-402-LF 50 Ohms





Configuration:

- QMA Male Right Angle
- QMA Male Right Angle
- TFT-402-LF

Features:

- Max Frequency 3 GHz
- Low PIM: -150 dBc Max
- Shielding Effectivity > 80 dB
- 76% Phase Velocity
- Double Shielded
- FEP Jacket
- 100 Mating Cycles

Applications:

- General Purpose
- Laboratory Use
- Low PIM Applications
- Indoor and Outdoor Use
- Plenum Rated Applications

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 an INFINIT[®] brand



Inner Conductor Type Inner Conductor Material and Plating Dielectric Type Number of Shields Jacket Material Jacket Diameter Solid Copper PTFE 2 FEP, Blue 0.16 in [4.06 mm]

One Time Minimum Bend Radius

0.75 in [19.05 mm]

Connectors

Description	Connector 1	Connector 2		
Туре	QMA Male	QMA Male		
Impedance	50 Ohms	50 Ohms		
Mating Cycles	100	100		
Contact Material & Plating	Beryllium Copper, Sil	ver Beryllium Copper, Silver		
Contact Plating Spec.	200 µin	200 µin		
Dielectric Type	PTFE	PTFE		
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal		
Body Plating Spec.	80 µin	80 µin		
Coupling Nut Material & Pla	ting Brass, Tri-Metal	Brass, Tri-Metal		
Coupling Nut Plating Spec.	80 µin	80 µin		

Environmental Specifications

Temperature Operating Range

-40 to +85 deg C

Compliance Certifications (see product page for current document)



Example: FMCA2357-12 = 12 inches long cable FMCA2357-100cm = 100 cm long cable

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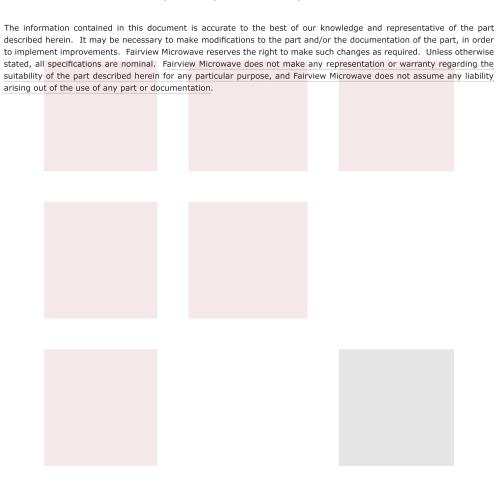




QMA Male Right Angle to QMA Male Right Angle Low PIM Cable Using TFT-402-LF Coax Using Times Microwave Components from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: QMA Male Right Angle to QMA Male Right Angle Low PIM Cable Using TFT-402-LF Coax Using Times Microwave Components FMCA2357

URL: https://www.fairviewmicrowave.com/low-pim-ra-qma-male-ra-qma-male-cable-tft-402-lf-coax-fmca2357-p.aspx

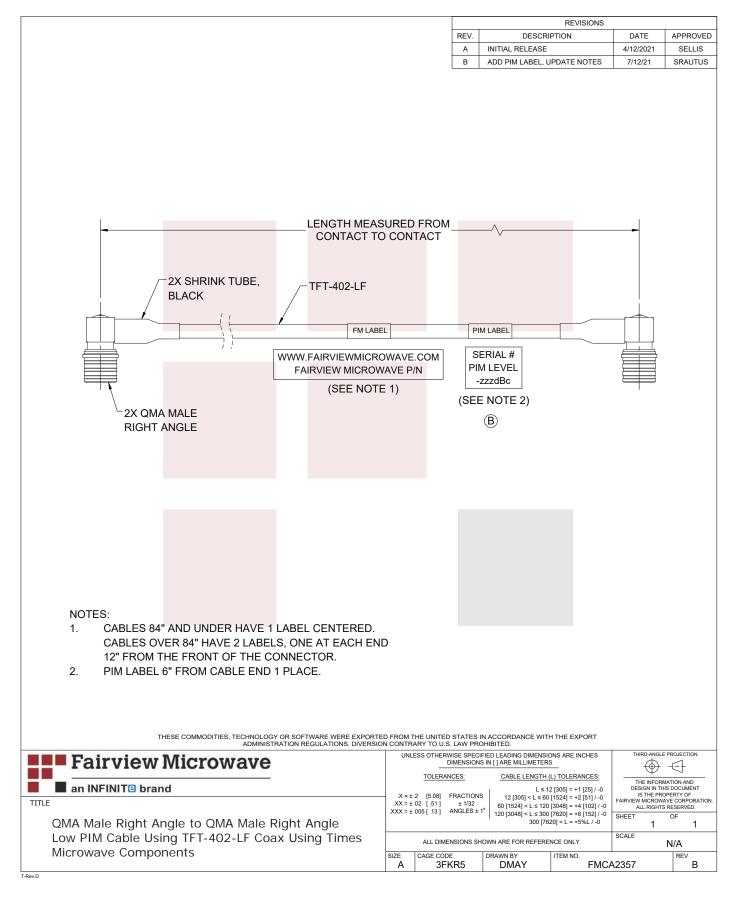


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