

Fire Rated Low PIM 4.3-10 Male to 7/16 DIN Male Cable SPF-375 Coax in 60 Inch Using Times Microwave Parts

The 4.3-10 male to 7/16 DIN male 60 inch cable using SPF-375 coax, part number FMCA2067-60, from Fairview Microwave is in-stock and ships same day. This Fairview 4.3-10 to 7/16 DIN cable assembly has a male to male gender configuration with 50 ohm corrugated SPF-375 coax. Fairview Microwave's corrugated RF cable assemblies are ideal for applications where durability and high power are needed. Our low PIM design offers excellent passive intermodulation performance with PIM levels better than -158 dBc. The FMCA2067-60 4.3-10 male to 7/16 DIN male cable assembly operates to 6 GHz. Times Microwave cable is used in each assembly and TMS components are used to form connections with the super flexible low PIM cable. These cable assemblies are expertly built to satisfy your specific need with high quality Times Microwave Systems manufactured parts.

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

Description	Min	Тур	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.4:1	
Velocity of Propagation		83		%
Passive Intermodulation			-158	dBc
Capacitance		24 [78.74	.]	pF/ft [pF/m]

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	2	3		GHz
Insertion Loss (Max	.) 0.32	0.42	0.55	0.65		dB

Electrical Specification Notes:

PIM test results vary between cables

The Insertion Loss data above is based on the performance specifications of the coax used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1*SQRT(FGHz) dB for the 4.3-10 connector and 0.1 dB for the 7/16 DIN connector.

Mechanical Specifications

Cable Assembly

Length* 60 in [152.4 cm]

Cable

Cable Type SPF-375 Impedance 50 Ohms

FMCA2067-60 DATA SHEET



Configuration:

- 4.3-10 Male
- TC-375-4310M-LP
- 7/16 DIN Male
- TC-SPP375-716M-LP
- SPF-375

Features:

- Max Frequency 6 GHz
- Low PIM: -158 dBc Max
- 83% Phase Velocity
- FRPE Jacket
- 100% Tested with PIM Test Results Marked on Cable
- Lightweight and Extremely Flexible
- Low Loss with Excellent VSWR
- IP67 (when mated)
- Using Times Microwave Components

Applications:

- General Purpose
- Laboratory Use
- Low PIM Applications
- Distributed Antenna Systems (DAS)
- Multi-Carrier Communication Systems
- PIM Testing

Cable Diagram:

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





Inner Conductor Type

Inner Conductor Material and Plating

Dielectric Type Number of Shields Shield Layer 1

Outer Conductor Material and Plating

Jacket Material

Jacket Diameter

Solid

Copper Clad Aluminum

Foam PE

1

Helically Corrugated Copper Tube

Copper FRPE, Black

0.435 in [11.05 mm]

One Time Minimum Bend Radius 1.75 in [44.45 mm]

Connectors

Description	Connector 1	Connector 2	
Туре	4.3-10 Male	7/16 DIN Male	
Impedance	50 Ohms	50 Ohms	
Contact Material & Plating	Brass, Silver	Brass, Silver	
Contact Plating Spec.	200 μin	5 μin	
Dielectric Type	PTFE	PTFE	
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal	
Body Plating Spec.	80 μin	3 µin	
Coupling Nut Material & Pla	ting Brass, Nickel	Brass, Tri-Metal	
Coupling Nut Plating Spec.	200 µin	3 µin	

Environmental Specifications

Temperature

Operating Range

-40 to +85 deg C

Environmental Specification Notes:

CMR (Riser) Fire Rated

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

· Values at 25°C, sea level.

How to Order

Part Number Configuration:

Example: FMCA2067-12 = 12 inches long cable

FMCA2067-100cm = 100 cm long cable





Fire Rated Low PIM 4.3-10 Male to 7/16 DIN Male Cable SPF-375 Coax in 60 Inch Using Times Microwave Parts 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.

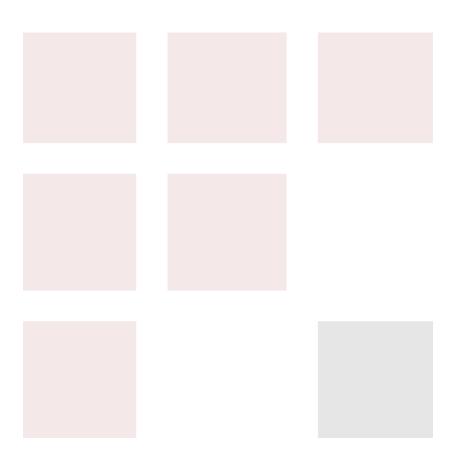
Click the following link to obtain additional part information: Fire Rated Low PIM 4.3-10 Male to 7/16 DIN Male Cable SPF-375 Coax in 60 Inch Using Times Microwave Parts FMCA2067-60

URL: https://www.fairviewmicrowave.com/low-pim-4.3-10-male-7-16-din-male-cable-spf375-coax-fmca2067-60-p.aspx









Fire Rated Low PIM 4.3-10 Male to 7/16 DIN Male Cable SPF-375 Coax in 60 Inch Using Times Microwave Parts