

**IP68 Waterproof 75 Ohm F Male to 75 Ohm F Male  
 Cable 196.8 inches RG6 Coax**

The audio/video 75 ohm type F male to 75 ohm type F male 499.9 cm cable using 75 ohm RG6, part number FMCA2384-500CM, from Fairview Microwave is in-stock and ships same day. This Fairview type F to type F cable assembly has a male to male gender configuration with 75 ohm. The FMCA2384-500CM from Fairview Microwave is an industrial waterproof cable assembly used for 75 ohm video transmission. The FMCA2384-500CM is a 5 meter cable assembly built from RG6 cable and male F-type connectors with IP68 rated cable glands on each end. The FMCA2384 family of cables are meant to be used with the FMAD1265 adapter for waterproof and dustproof connections. These cables are perfect for industrial situations and outdoor applications where moisture and debris can impede signal transmission. The cable comes with dust caps for protection when not in use. Urgency is in our DNA and all cables are in stock and ready to ship today.

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 Specification Notes:  
 Values at 25°C, sea level.

**Mechanical Specifications**
**Cable Assembly**

Length\* 196.8 in [499.87 cm]  
 Weight 0.75 lbs [340.19 g]

**Cable**

Impedance 75 Ohms  
 Inner Conductor Type Solid

**Connectors**

Description	Connector 1	Connector 2
Type	F Male	F Male
Configuration	Straight	Straight
Impedance	75 Ohms	75 Ohms
Outer Cond Material & Plating	Copper, Gold Flash	Copper, Gold Flash
Body Material & Plating	Copper, Nickel	Copper, Nickel
Boot Material	PVC	PVC

**Environmental Specifications**

Ingress Protection (IP) Rating IP68

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

**Plotted and Other Data**

Notes:  
 • Values at 25°C, sea level.


**Configuration:**

- F Male
- F Male
- 

**Features:**

- IP68 rated when properly mated||Perfect for outdoor cabling and waterproofing||F-Type Male to Male connectors||Built with RG6 Cable||75 Ohm Impedance||Dust Caps included

**Applications:**

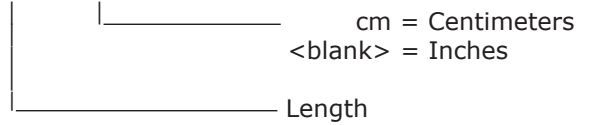
- General Purpose
- Laboratory Use
- Broadcast||Video Surveillance||Video Signage||Video Transmission

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**How to Order**

Part Number Configuration:

**FMCA2384 - xx uu**



Example: FMCA2384-12 = 12 inches long cable  
FMCA2384-100cm = 100 cm long cable

IP68 Waterproof 75 Ohm F Male to 75 Ohm F Male Cable 196.8 inches RG6 Coax 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: [IP68 Waterproof 75 Ohm F Male to 75 Ohm F Male Cable 196.8 inches RG6 Coax FMCA2384-500CM](#)

URL: <https://www.fairviewmicrowave.com/ip68-waterproof-75-ohm-f-male-to-75-ohm-f-male-cable-197-inches-rg6-coax-fmca2384-500cm-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.

REV.	DESCRIPTION	DATE	APPROVED
B	ECN: 11417	10/11/2021	DGLUST

MODEL NUMBER	LENGTH (METERS)	TOLERANCE (mm)
FMCA2384-100CM	1.0	+/- 50.0
FMCA2384-200CM	2.0	+/- 50.0
FMCA2384-500CM	5.0	+152.0 / -51.0
FMCA2384-1000CM	10.0	+152.0 / -51.0

**NOTES:**

- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- IP RATING: IP 68, WHEN MATED
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN PARENTHESES ARE MILLIMETERS

**TOLERANCES:**  
 X = ± 0.2 (0.08) FRACTIONS  
 XX = ± 0.02 (0.51) ± 0.02  
 .XXX = ± 0.05 (1.3) ANGLES ± 1°

**CABLE LENGTH (L) TOLERANCES:**  
 L ≤ 12 (305) = ± 1 (25) / -0  
 12 (305) < L ≤ 60 (1524) = ± 2 (51) / -0  
 60 (1524) < L ≤ 120 (3048) = ± 4 (102) / -0  
 120 (3048) < L ≤ 300 (7620) = ± 6 (152) / -0  
 300 (7620) < L = ± 5%L / -0

THIRD ANGLE PROJECTION

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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	SCALE	REV
A	3FKR5	DMAY	FMCA2384	N/A	B

TITLE

1 Rev. D

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