



Low Loss N Male to N Male Cable TCOM-240 Coax with Times Microwave Components

The type N male to type N male cable using TCOM-240 coax, part number FMCA3277, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N 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 FMCA3277 type N male to type N 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.

Electrical Specifications

| Description | Min | T | ур Мах | 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 0.12 | 0.052 0.17 | 0.075 0.25 | 0.123 0.4 | 0.197 0.65 | dB/ft dB/m |

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

Jacket Diameter

Weight 0.188 lbs [85.28 g]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type
Number of Shields
Shield Layer 1
Shield Layer 2
Jacket Material

TCOM-240
50 Ohms
Solid
Copper
PE (F)
2
Silver Plated Copper Braid

Silver Plated Copper Braid Tinned Copper Braid

PE, Black

0.24 in [6.1 mm]



Configuration:

- N Male
- N Male
- TCOM-240

Features:

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

Applications:

- General Purpose
- Laboratory Use

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 | | Connect | or 1 | Connector 2 |
|-----------------------------|-------|---------------|----------|--------------------------|
| Туре | | N Male Thr | eaded | N Male Threaded |
| Specification | | MIL-STD- | 348 | MIL-STD-348 |
| Impedance | | 50 Ohn | ns | 50 Ohms |
| Mating Cycles | | 500 | | 500 |
| Contact Material & Plating | | Beryllium Cop | per, Gol | d Beryllium Copper, Gold |
| Contact Plating Spec. | | 50 µin min | imum | 50 µin minimum |
| Dielectric Type | | Teflor | 1 | Teflon |
| Body Material & Plating | | Brass, Tri-l | Metal | Brass, Tri-Metal |
| Body Plating Spec. | | 80 µin min | imum | 80 µin minimum |
| Coupling Nut Material & Pla | iting | Brass, Tri-l | Metal | Brass, Tri-Metal |
| Coupling Nut Plating Spec. | | 80 µin min | imum | 80 μin minimum |
| | | | | |

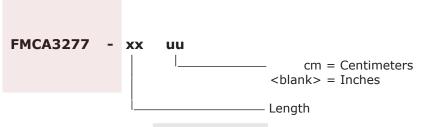
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:



Example: FMCA3277-12 = 12 inches long cable

FMCA3277-100cm = 100 cm long cable

Low Loss N Male to N 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 N Male to N Male Cable TCOM-240 Coax with Times Microwave Components FMCA3277

URL: https://www.fairviewmicrowave.com/low-loss-n-male-to-n-male-cable-tcom-240-coax-with-times-microwave-com-ponents-fmca3277-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.

301 Leora Ln., Suite 100, Lewisville, TX 75056 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689





