

## 1553 TRB 3-Slot Plug to Blunt Cut Sexless Cable 78 Ohm FMBC-30-02001 Coax

The 78 ohm TRB 3-Slot plug to Blunt cut sexless cable using 78 ohm FMBC-30-02001 twinax, part number FM3CA2219, from Fairview Microwave is in-stock and ships same day. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FM3CA2219 TRB 3-Slot plug to Blunt cut cable assembly operates to 400 MHz. The FM3CA2219 cable assembly consists of a 3-slot solder/clamp TRB plug to Blunt Cut on FMBC-30-02001, that is a standard lab-rated PVC cable for MIL-STD-1553 applications. It features a larger diameter cable (0.242" O.D.)

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 | Typ          | Max   | Units        |
|------------------------|-----|--------------|-------|--------------|
| Frequency Range        | DC  |              | 400   | MHz          |
| Capacitance            |     | 19.7 [64.63] |       | pF/ft [pF/m] |
| Operating Voltage (AC) |     |              | 1,000 | Vrms         |

#### Electrical Specification Notes:

The Insertion Loss data above is based on the performance specifications of the coax and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1 dB per connector.

### Mechanical Specifications

#### Cable Assembly

|         |                     |
|---------|---------------------|
| Length* | 0 in [0 mm]         |
| Weight  | 0.193 lbs [87.54 g] |

#### Cable

|                                      |                      |
|--------------------------------------|----------------------|
| Cable Type                           | FMBC-30-02001        |
| Impedance                            | 78 Ohms              |
| Inner Conductor Type                 | Stranded             |
| Inner Conductor Material and Plating | Copper, Silver       |
| Dielectric Type                      | PE                   |
| Shield Layer 1                       | Silver Plated Copper |
| Jacket Material                      | PVC, Blue            |

|                              |                    |
|------------------------------|--------------------|
| One Time Minimum Bend Radius | 2.42 in [61.47 mm] |
|------------------------------|--------------------|



### Configuration:

- TRB 3-Slot Plug
- Blunt Cut
- FMBC-30-02001

### Features:

- Max Frequency 400 MHz
- PVC Jacket
- MIL-STD-1553
- -20°C to +75°C
- 78 ohms

### Applications:

- General Purpose
- Laboratory Use
- MIL-STD-1553
- Data

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**Connectors**

| Description                   | Connector 1                  | Connector 2     |
|-------------------------------|------------------------------|-----------------|
| Type                          | TRB 3-Slot Plug Bayonet      | Blunt Cut Other |
| Impedance                     | 78 Ohms                      |                 |
| Contact Material & Plating    | Bronze, Gold 30 micro inches |                 |
| Contact Plating Spec.         | ASTM-B-488                   |                 |
| Dielectric Type               | Teflon                       |                 |
| Outer Cond Material & Plating | Phosphor Bronze, Gold        |                 |
| Outer Cond Plating Spec.      | 30 micro inches              |                 |
| Body Material & Plating       | Brass, Nickel                |                 |
| Body Plating Spec.            | ASTM-B-733                   |                 |

**Environmental Specifications**  
**Temperature**

Operating Range -20 to +75 deg C

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

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration: **FM3CA2219 - xx uu**

cm = Centimeters  
<blank> = Inches

Length

Example: FM3CA2219-12 = 12 inches long cable  
FM3CA2219-100cm = 100 cm long cable

1553 TRB 3-Slot Plug to Blunt Cut Sexless Cable 78 Ohm FMBC-30-02001 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: [1553 TRB 3-Slot Plug to Blunt Cut Sexless Cable 78 Ohm FMBC-30-02001 Coax FM3CA2219](#)

URL: <https://www.fairviewmicrowave.com/1553-trb-3-slot-plug-to-blunt-cut-sexless-cable-78-ohm-fmbc-30-02001-coax-fm3ca2219-p.aspx>

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