

## TRB 3-Slot Full Crimp Plug with Blunt Cut for 78 Ohm FMBC-30-02003 Cable

The 78 ohm TRB 3-Slot plug to Blunt cut genderless cable using 78 ohm FMBC-30-02003 twinax, part number FM3MP2358, from Fairview Microwave is in-stock and ships same day. This Fairview TRB 3-Slot to Blunt Cut cable assembly has a plug to genderless gender configuration with 78 ohm flexible FMBC-30-02003 twinax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FM3MP2358 TRB 3-Slot plug to Blunt cut genderless cable assembly operates to 500 MHz.

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  |             | 500 | MHz          |
| Capacitance            |     | 20.3 [66.6] |     | pF/ft [pF/m] |
| Operating Voltage (AC) |     |             | 300 | Vrms         |

### Performance by Frequency

| Description | F1 | F2 | F3  | F4  | F5  | Units |
|-------------|----|----|-----|-----|-----|-------|
| Frequency   | 10 | 50 | 100 | 200 | 500 | MHz   |

### Mechanical Specifications

#### Cable Assembly

|         |                    |
|---------|--------------------|
| Length* | 0 in [0 mm]        |
| Weight  | 0.08 lbs [36.29 g] |

#### Cable

|                                      |                      |
|--------------------------------------|----------------------|
| Cable Type                           | FMBC-30-02003        |
| 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 | 1.5 in [38.1 mm] |
|------------------------------|------------------|



### Configuration:

- TRB 3-Slot Plug
- Blunt Cut Genderless
- FMBC-30-02003

### Features:

- Max Frequency 500 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 BayonetBlunt Cut Genderless 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:

**FM3MP2358 - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

Example: FM3MP2358-12 = 12 inches long cable  
 FM3MP2358-100cm = 100 cm long cable

TRB 3-Slot Full Crimp Plug with Blunt Cut for 78 Ohm FMBC-30-02003 Cable 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: [TRB 3-Slot Full Crimp Plug with Blunt Cut for 78 Ohm FMBC-30-02003 Cable FM3MP2358](#)

URL: <https://www.fairviewmicrowave.com/1553-trb-3-slot-plug-to-blunt-cut-genderless-cable-78-ohm-fmbc-30-02003-coax-fm3mp2358-p.aspx>

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