

**TRB 3-Slot Full Crimp Plug with Blunt Cut for 78 Ohm FMBC-30-02001, 60" Cable**

The 78 ohm TRB 3-Slot plug to Blunt cut genderless 60 inch cable using 78 ohm FMBC-30-02001 twinax, part number FM3MP2357-60, 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-30-02001 twinax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FM3MP2357-60 TRB 3-Slot plug to Blunt cut genderless cable assembly operates to 400 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		400	MHz
Capacitance		19.7 [64.63]		pF/ft [pF/m]
Operating Voltage (AC)			1,000	Vrms

**Performance by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency	10	50	100	200	400	MHz

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

Length\* 60 in [152.4 cm]  
 Weight 0.275 lbs [124.74 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 Genderless
- 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 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: **FM3MP2357 - xx uu**

cm = Centimeters  
<blank> = Inches

Length

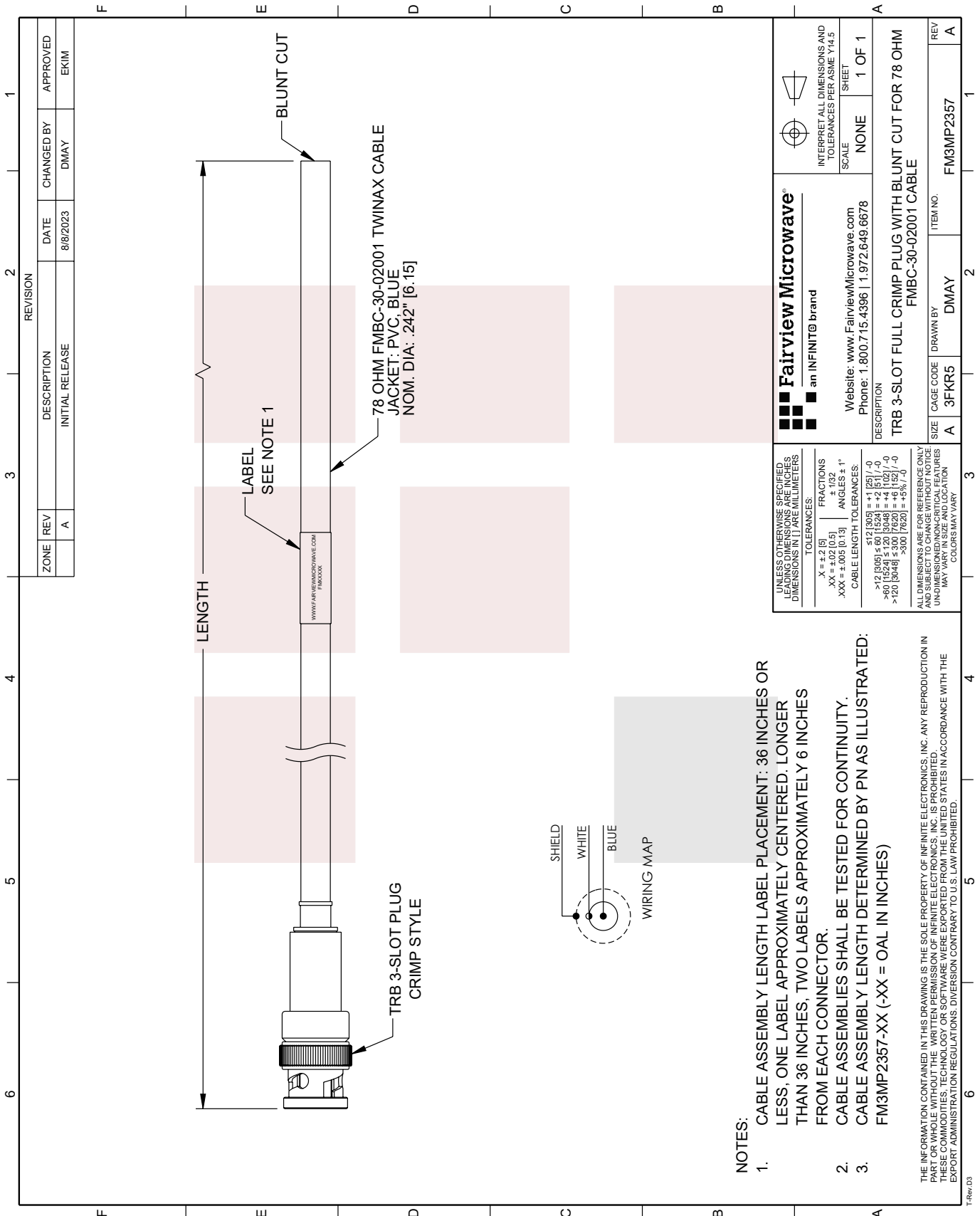
Example: FM3MP2357-12 = 12 inches long cable  
FM3MP2357-100cm = 100 cm long cable

TRB 3-Slot Full Crimp Plug with Blunt Cut for 78 Ohm FMBC-30-02001, 60" 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-30-02001, 60" Cable FM3MP2357-60](#)

URL: <https://www.fairviewmicrowave.com/1553-trb-3-slot-plug-to-blunt-cut-genderless-cable-78-ohm-fmbc-30-02001-coax-in-60-inch-fm3mp2357-60-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.



**NOTES:**

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY PN AS ILLUSTRATED: FM3MP2357-XX (-XX = OAL IN INCHES)

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
.X = ±.2 [5]	± 1/32
.XX = ±.02 [0.5]	± 1/16
.XXX = ±.005 [0.13]	ANGLES ± 1°
CABLE LENGTH TOLERANCES:	
<12 [305]	±.12 [3.05]
<12 [305] ≤ 60 [1524]	±.2 [5.1]
<60 [1524] ≤ 300 [7620]	±.3 [7.62]
>300 [7620]	±.5 [12.7]
>120 [3046]	±.300 [7620]
>300 [7620]	±.5% / -0

<p><b>Fairview Microwave</b> an INFINIT<sup>®</sup> brand</p>	
Website: <a href="http://www.FairviewMicrowave.com">www.FairviewMicrowave.com</a> Phone: 1.800.715.4396   1.972.649.6678	
INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SHEET	SCALE: NONE 1 OF 1
DESCRIPTION: <b>TRB 3-SLOT FULL CRIMP PLUG WITH BLUNT CUT FOR 78 OHM FMBC-30-02001 CABLE</b>	
SIZE: A CAGE CODE: 3FKR5 DRAWN BY: DMAY	ITEM NO.: FM3MP2357 REV: A