

1553 TRB 3-Slot Plug to TRB 3-Slot Plug Cable 78 Ohm FMBC-30-02003 Coax in 60 Inch with Bend Relief with LF Solder

The 78 ohm TRB 3-Slot plug to 78 ohm TRB 3-Slot plug 60 inch cable using 78 ohm FMBC-30-02003 twinax, part number FM3MSA00475-60, from Fairview Microwave is in-stock and ships same day. This Fairview TRB 3-Slot to TRB 3-Slot cable assembly has a plug to plug 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 FM3MSA00475-60 TRB 3-Slot plug to TRB 3-Slot plug cable assembly operates to 500 MHz. The FM3MSA00475 it's a Lead Free assembly consisting of a Bend Relief 3-slot solder/clamp TRB plug to Bend Relief 3-slot solder/clamp TRB plug for FMBC-30-02003, that is a standard lab-rated PVC cable for MIL-STD-1553 applications, with an O.D. 0.150". These cable assemblies come with a 1.700" steel spring-style bend relief that helps to minimize cable damage when exceeding the cables minimum bend radius. These assemblies are built to withstand severe shocks and vibrations.

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
Insertion Loss (Typ.)	0.465	0.795	1.04	1.385	2.075	dB

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*	60 in [152.4 cm]
Weight	0.44 lbs [199.58 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



Configuration:

- TRB 3-Slot Plug
- TRB 3-Slot Plug
- FMBC-30-02003

Features:

- Max Frequency 500 MHz
- PVC Jacket
- MIL-STD-1553
- -20°C to +75°C
- 78 ohms
- Lab rated
- Lead Free
- Bend Relief

Applications:

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

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1553 TRB 3-Slot Plug to TRB 3-Slot Plug Cable 78 Ohm FMBC-30-02003 Coax in 60 Inch with Bend Relief with LF Solder 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 TRB 3-Slot Plug Cable 78 Ohm FMBC-30-02003 Coax in 60 Inch with Bend Relief with LF Solder FM3MSA00475-60](https://www.fairviewmicrowave.com/1553-trb-3-slot-plug-to-trb-3-slot-plug-cable-78-ohm-fmbc-30-02003-coax-in-60-inch-with-bend-relief-with-lf-solder-fm3msa00475-60)

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