

Lead Free 78 Ohm Bend Relief 3-Slot TRB Solder/Clamp Plug to Bend Relief 3-Lug TRB Solder/Clamp Jack for FMBC-30-02001 Cable

The 78 ohm TRB 3-Slot plug to 78 ohm TRB 3-Lug jack cable using 78 ohm FMBC-30-02001 twinax, part number FM3MSA00547, from Fairview Microwave is in-stock and ships same day. This Fairview TRB 3-Slot to TRB 3-Lug cable assembly has a plug to jack 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 FM3MSA00547 TRB 3-Slot plug to TRB 3-Lug jack cable assembly operates to 400 MHz. The FM3MSA00547 it's a Lead Free cable assembly consisting of a Bend Relief 3-slot solder/clamp TRB plug to a Bend Relief 3-Lug TRB Solder/Clamp Jack for 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.). 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 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		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
Insertion Loss (Typ.)	0.021	0.05	0.075	0.11	0.16	dB/ft
	0.07	0.16	0.25	0.36	0.52	dB/m

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 0.33 lbs [149.69 g]

Cable

Cable Type FMBC-30-02001
 Impedance 78 Ohms
 Inner Conductor Type Stranded



Configuration:

- TRB 3-Slot Plug
- TRB 3-Lug Jack
- FMBC-30-02001

Features:

- Max Frequency 400 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

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

Lead Free 78 Ohm Bend Relief 3-Slot TRB Solder/Clamp Plug to Bend Relief 3-Lug TRB Solder/Clamp Jack for FMBC-30-02001 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: [1553 TRB 3-Slot Plug to TRB 3-Lug Jack Cable 78 Ohm FMBC-30-02001 Coax with Bend Relief with LF Solder FM3MSA00547](https://www.fairviewmicrowave.com/1553-trb-3-slot-plug-to-trb-3-lug-jack-cable-78-ohm-fm3msa00547)

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