

# Lead Free 1553 TRB 3-Lug Jack to Blunt Cut Genderless Cable 78 Ohm FMBC-30-02001 Coax in 24 Inch with Bend Relief

The 78 ohm TRB 3-Lug jack to Blunt cut genderless 24 inch cable using 78 ohm FMBC-30-02001 twinax, part number FM3MSA00559-24, from Fairview Microwave is in-stock and ships same day. This Fairview TRB 3-Lug to Blunt Cut cable assembly has a jack 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 FM3MSA00559-24 TRB 3-Lug jack 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	Т	ур	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\* 24 in [609.6 mm] Weight 0.142 lbs [64.41 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 Jacket Material

One Time Minimum Bend Radius

2.42 in [61.47 mm]

Silver Plated Copper

PVC, Blue

# FM3MSA00559-24 DATA SHEET



# **Configuration:**

- TRB 3-Lug Jack
- 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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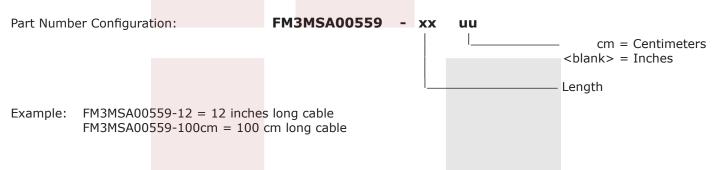
#### **Connectors**

Description	Connector	1	Connecto	or 2			
Туре	TRB 3-Lug Jack B	TRB 3-Lug Jack BayonetBlunt Cut Genderless Oth					
Option	Bend Relief Sp	ring	Bend Relief S	Spring			
Impedance	78 Ohms						
Contact Material & Plating	Bronze, Gold 30 mic	ro inches					
Contact Plating Spec.	ASTM-B-488	8					
Dielectric Type	Teflon						
Outer Cond Material & Plati	ng Phosphor Bronze	, Gold					
Outer Cond Plating Spec.	30 micro inch	es					
Body Material & Plating	Brass, Nicke	el					
Body Plating Spec.	ASTM-B-733	3					
vironmental Specific	cations						
Operating Range	-	20 to +7	'5 deg C				

**Compliance Certifications** (see product page for current document)

## Plotted and Other Data Notes:

### **How to Order**



Lead Free 1553 TRB 3-Lug Jack to Blunt Cut Genderless Cable 78 Ohm FMBC-30-02001 Coax in 24 Inch with Bend Relief 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: Lead Free 1553 TRB 3-Lug Jack to Blunt Cut Genderless Cable 78 Ohm FMBC-30-02001 Coax in 24 Inch with Bend Relief FM3MSA00559-24

URL: https://www.fairviewmicrowave.com/lead-free-1553-trb-3-lug-jack-to-blunt-cut-genderless-cable-78-ohm-fmbc-30-02001-coax-in-24-inch-with-bend-relief-fm3msa00559-24-p.aspx

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