

78 Ohm TRB 3-Lug Jack 1553 Connector Clamp/ Solder Attachment for FMBC-30-02003, TWC-78-1

78 Ohm TRB 3-Lug Jack Standard Connector Clamp/Solder Attachment for FMBC-30-02003, TWC-78-1 and TRB JACK Cable, part number FMCN10-06575-231, from Fairview Microwave is in-stock and ships same day. This TRB 3-Lug jack connector operates up to a maximum frequency of 500 MHz. This TRB connector has a bayonet coupling design with a center contact and an intermediate cylindrical contact. The bayonet type can withstand severe shocks and vibrations. Available for many popular twinax cable applications. .

Fairview's 78 ohm TRB 3-Lug jack connector FMCN10-06575-231 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		500	MHz
Insertion Loss		0.1		dB

Mechanical Specifications

Size	
Length	1.31 in [33.27 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	0.57 in [14.48 mm]
Weight	0.054 lbs [24.49 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 micro inches ASTM-B-488
Insulation	Teflon	
Outer Conductor	Phosphor Bronze	ASTM-B-488
Body	Brass	Nickel ASTM-B-733
Gasket	Rubber	
Crimp Sleeve	Brass	Nickel



Configuration:

- TRB 3-Lug Jack Connector
- MIL-STD-1553
- 78 Ohms
- Straight Body Geometry
- FMBC-30-02003, TWC-78-1, TRB JACK Interface Type
- Clamp/Solder Attachment

Features:

- Operating Frequency of 500 MHz Max.
- Gold 30 micro inches Plated Beryllium Copper Contact
- Contact plating according to ASTM-B-488
- Twinax Connectivity
- Three lug bayonet coupling

Applications:

- General Purpose Test
- Custom Cable Assemblies
- Robust Design
- Ease of use
- Use in high shock and vibration environment

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Environmental Specifications

Temperature

Operating Range -55 to +200 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

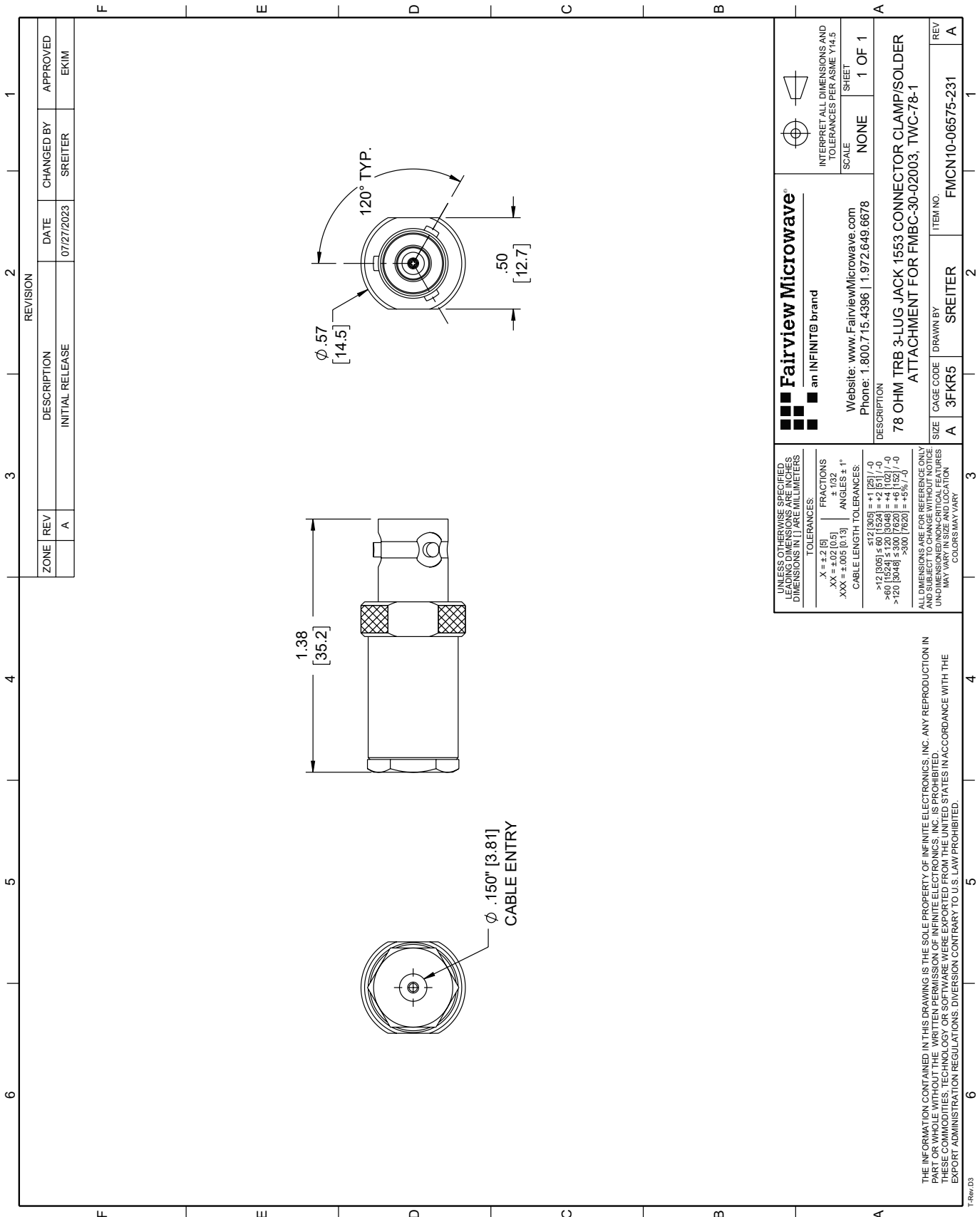
Notes:

78 Ohm TRB 3-Lug Jack 1553 Connector Clamp/Solder Attachment for FMBC-30-02003, TWC-78-1 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [78 Ohm TRB 3-Lug Jack 1553 Connector Clamp/Solder Attachment for FMBC-30-02003, TWC-78-1 FMCN10-06575-231](#)

URL: <https://www.fairviewmicrowave.com/trb-3lug-jack-fmbc-30-02003-twc-78-1-trb-jack-connector-fmcn10-06575-231-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.



100 Ohm TRB 3-Slot Plug 1553 Connector Clamp/ Solder Attachment for 10612 inch, 10613 inch, 0024A0024

100 Ohm TRB 3-Slot Plug Standard Connector Clamp/Solder Attachment for 10612 inch, 10613 inch and 0024A0024 Cable, part number FMCN10-06030-227, from Fairview Microwave is in-stock and ships same day. This TRB 3-Slot plug connector operates up to a maximum frequency of 500 MHz. These twinaxial cable plugs with TRB interface are the most popular cable plugs used in wide cable assembly applications to be used with Bus Couplers, avionics control boxes, Bus Relays, etc. This TRB plug has a bayonet coupling design with a center contact and an intermediate cylindrical contact. The bayonet type can withstand severe shocks and vibrations.

Fairview's 100 ohm TRB 3-Slot plug connector FMCN10-06030-227 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable assemblies for you and ship them same-day.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		500	MHz
Insertion Loss		0.1		dB

Mechanical Specifications

Size	
Length	1.12 in [28.45 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	0.57 in [14.48 mm]
Weight	0.19 lbs [86.18 g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold 30 micro inches ASTM-B-488
Insulation	Teflon	
Outer Conductor	Phosphor Bronze	ASTM-B-488
Body	Brass	Nickel ASTM-B-733
Gasket	Rubber	
Crimp Sleeve	Brass	Nickel



Configuration:

- TRB 3-Slot Plug Connector
- MIL-STD-1553
- 100 Ohms
- Straight Body Geometry
- 10612, 10613, 0024A0024 Interface Type
- Clamp/Solder Attachment

Features:

- Operating Frequency of 500 MHz Max.
- Gold 30 micro inches Plated Beryllium Copper Contact
- Contact plating according to ASTM-B-488
- Twinax Connectivity
- Three lug bayonet coupling

Applications:

- General Purpose Test
- Custom Cable Assemblies
- Robust Design
- Ease of use
- Use in high shock and vibration environment

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Environmental Specifications**Temperature**

Operating Range -55 to +200 deg C

Compliance Certifications (see [product page](#) for current document)**Plotted and Other Data**

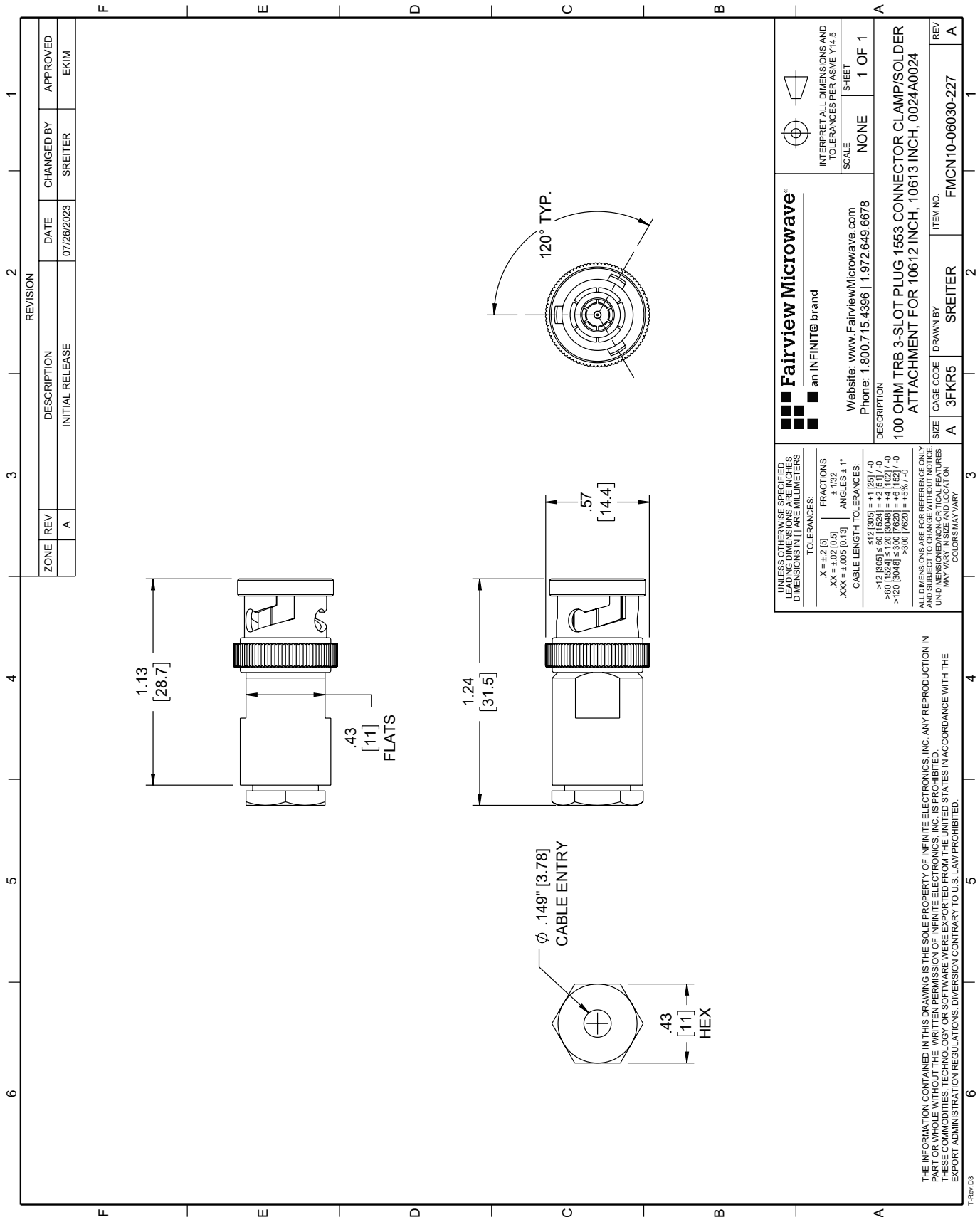
Notes:

100 Ohm TRB 3-Slot Plug 1553 Connector Clamp/Solder Attachment for 10612 inch, 10613 inch, 0024A0024 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [100 Ohm TRB 3-Slot Plug 1553 Connector Clamp/Solder Attachment for 10612 inch, 10613 inch, 0024A0024 FMCN10-06030-227](#)

URL: <https://www.fairviewmicrowave.com/trb-3slot-plug-10612-10613-0024a0024-connector-fmcn10-06030-227-p.aspx>

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0024A0024-9X-FM 100 Ohm Flexible Coax Cable
White FEP Jacket
Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		400	MHz
Impedance		100		Ohms
Operating Voltage (AC)			1,000	Vrms
Nominal Capacitance		13.5		pF/ft
		[44.29]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	1	10	50	100	200	MHz
Attenuation, Typ	0.3 0.98	1.2 3.94	2.8 9.19	4.1 13.45	6.4 21	dB/100ft dB/100m

Description	F6	F7	F8	F9	F10	Units
Frequency	400					MHz
Attenuation, Typ	10.2 33.46					dB/100ft
dB/100m						

Mechanical Specifications

Min. Bend Radius (Installation) 1.788 in [45.42 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 1 Strands	0.025 in [0.64 mm]
Conductor Type	Stranded	
Dielectric	Rayfoam H	[]
First Shield	Silver Plated Copper Alloy Braid	[]
Jacket	Modified FEP, White	[]

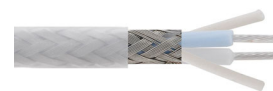
Environmental Specifications
Temperature

Operating Range -65 to +200 deg C
 Storage Range -65 to +200 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:


Configuration:

- Flexible Cable

Features:

- MIL-STD-1553
- -65°C to +200°C
- 100 ohms

Applications:

- MIL-STD-1553
- Data

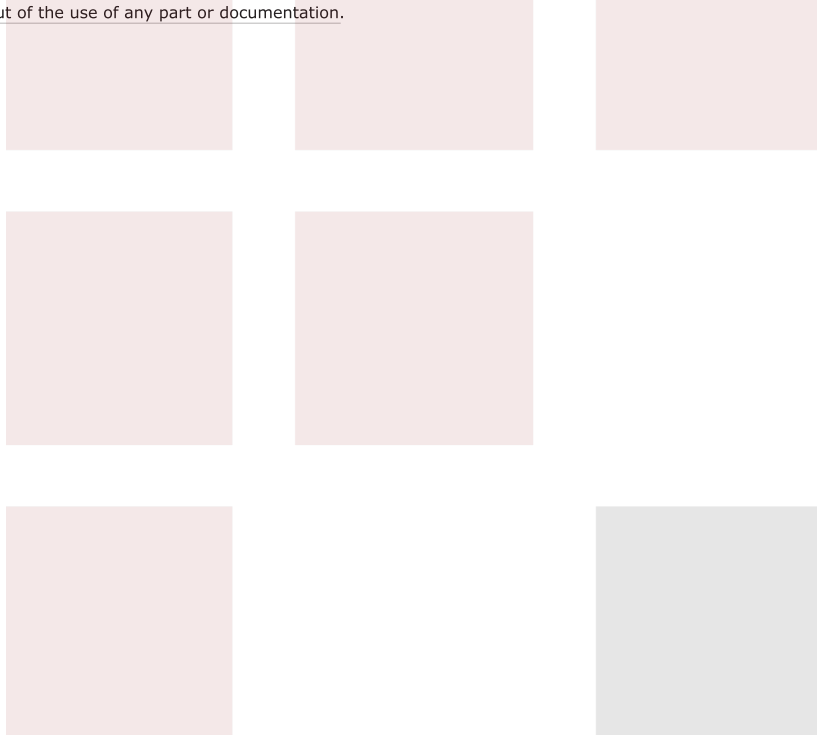
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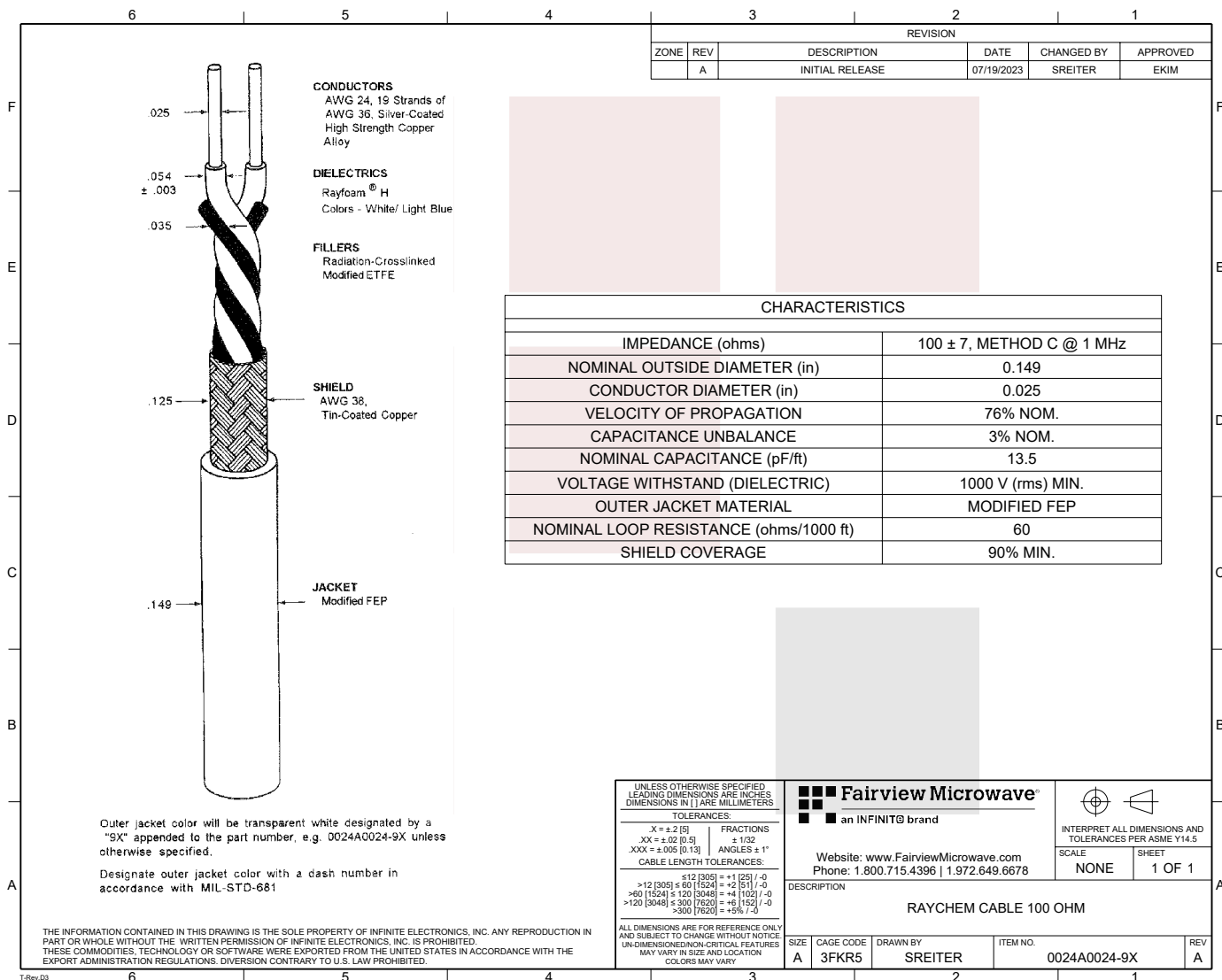
0024A0024-9X-FM 100 Ohm Flexible Coax Cable White FEP Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [0024A0024-9X-FM 100 Ohm Flexible Coax Cable White FEP Jacket 0024A0024-9X-FM](#)

URL: <https://www.fairviewmicrowave.com/100-ohm-0024a0024-9x-fm-flexible-coax-cable-fep-jacket-0024a0024-9x-fm-p.aspx>

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