

**TWCH-78-2-FM 78 Ohm Flexible Coax Cable Blue HF
 POF Jacket**
Electrical Specifications

Description	Min	Typ	Max	Units
Impedance		78		Ohms
Operating Voltage (AC)			1,000	Vrms
Operating Voltage (DC)			2,000	Vdc
Nominal Capacitance		21.2		pF/ft
		[69.55]		[pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	1	10	50	100	200	MHz
Attenuation, Typ	0.7	2.2	5.1	7.5	10.5	dB/100ft
	2.3	7.22	16.73	24.61	34.45	dB/100m

Description	F6	F7	F8	F9	F10	Units
Frequency	500	1,000				MHz
Attenuation, Typ	16	22.5				dB/100ft
dB/100m	52.49	73.82				

Mechanical Specifications

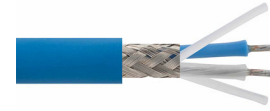
Diameter	0.242 in [6.15 mm]
Weight	0.04 lbs/ft [0.06 kg/m]
Min. Bend Radius (Installation)	1.25 in [31.75 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Tinned Copper, 2 Strands	[]
Conductor Type		
Dielectric	PE	0.072 in [1.83 mm]
First Shield	Tinned Copper Braid, 36 AWG	[]
Jacket	HF POF, Blue	0.242 in [6.15 mm]

Environmental Specifications

Temperature	
Operating Range	-30 to +80 deg C


Configuration:

- Flexible Cable

Features:

- MIL-STD-1553
- -30°C to +80°C
- 78 ohms
- Halogen Free
- Non-Toxic

Applications:

- Military Contractors
- MIL-STD-1553
- Data
- Safer Enviroments
- Ventilation critical areas

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

Plotted and Other Data

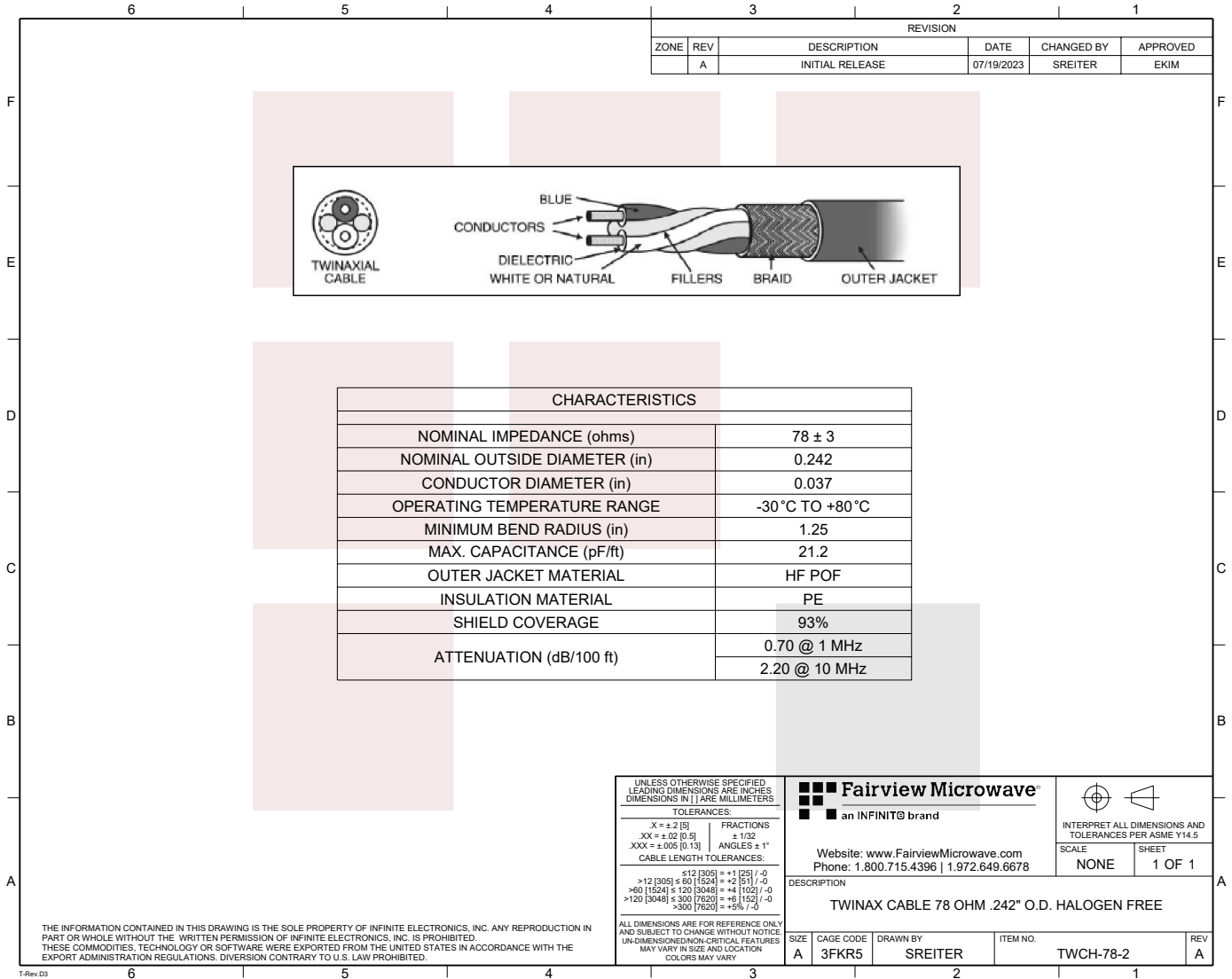
Notes:

TWCH-78-2-FM 78 Ohm Flexible Coax Cable Blue HF POF 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: [TWCH-78-2-FM 78 Ohm Flexible Coax Cable Blue HF POF Jacket TWCH-78-2-FM](#)

URL: <https://www.fairviewmicrowave.com/78-ohm-twch-78-2-fm-flexible-coax-cable-hf-pof-jacket-twch-78-2-fm-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.



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