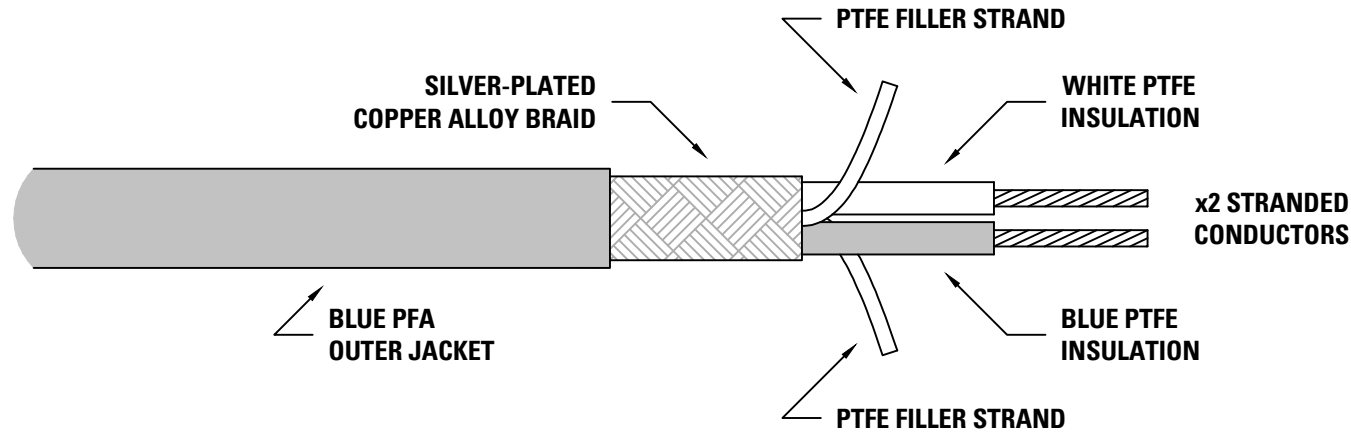


M17/176-00002 Twinaxial Cable (Shielded Twisted Pair) from Remington Industries is a top grade cable with great thermal properties and exceptional shielding. It consists of two insulated conductors twisted with two filler strands, surrounded with a shield, wrapped in a blue PFA jacket. Its MIL M17/176 construction ensures that it is ideal for a variety of military & civil high frequency signal transmission operations, including avionics, spacecraft, laboratory, medical, & general control system applications. We offer this cable in several cable lengths (see below) for your convenience.

- Specification: MIL M17/176
- Cable Type: M17/176 twinaxial (twisted pair shielded) cable
- Conductors (x2): 24 AWG, stranded, silver-plated copper
 - Insulation: PTFE, one white & one blue
- Filler Strands (x2): PTFE
- Shield: Silver-plated copper alloy braid
- Outer Jacket: Blue PFA

- Impedance: 78 Ω
- Voltage Rating: 1000 V_{RMS}
- Temperature Rating: -55°C (-67°F) to 250°C (482°F)
- Cable Lengths Available: See table below
- Remington Industries also offers this twinax cable as a part of a [pre-made cable assembly with TRB or TRS connectors](#) suitable for MIL-STD-1553B applications



Twinax Cable

M17/176-00002
Data Sheet

Remington Industries is proud to offer our Custom Wire Services

Our exclusive inventory of in-stock wire and ability to procure wire of all kinds makes us the perfect partner for wire purchasing and custom wire services. We are proud to provide essential, high quality wire for engineering projects, educational science projects, coil winding, and electronics applications.

Some of our many wire services include the following:

- Wire Re-Packaging
- Bifilar & Trifilar Windings
- Wire Processing
- Coil Winding
- Wire Procurement Services

If you have any questions or need any information about our [Wire Services](#), feel free to contact us! It only takes one call to get experienced assistance.

Contact us by phone:
(815) 385-1987

Contact us by email:
sales@remingtonindustries.com

6/25/20 | -1 | Corrected conductor insulation to PTFE; added filler strands to diagram; added clarification to distinguish filler strands from conductor insulation; added length table | AG

DATE | ISS. | REVISION | BY

Drawn by: AG 1/30/20
Drawing rev.: -1

PART NUMBER	CABLE LENGTH
M17/176-00002-1	1 ft [0.30 m]
M17/176-00002-2	2 ft [0.61 m]
M17/176-00002-4	4 ft [1.22 m]
M17/176-00002-10	10 ft [3.05 m]

PART NUMBER	CABLE LENGTH
M17/176-00002-25	25 ft [7.62 m]
M17/176-00002-50	50 ft [15.24 m]
M17/176-00002-100	100 ft [30.48 m]
M17/176-00002-250	250 ft [76.20 m]

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