


# Fixed Length Cable Assemblies

MIL-STD-1553B Series

## MIL-STD-1553 Twinax Cable Assemblies

The Trompeter MIL-STD-1553B cable assemblies are terminated with 3 slot PL75 connectors which are the most common connector when connecting cable assemblies to Data Bus Couplers, Bus Controllers, Bus Monitors and Remote Terminals. Cable options include M17/176-00002, Trompeter TWC-78-1 ultra-flexible cable, or Trompeter TWC-78-2 low loss cable. All cables are available in increments between 1 foot and 20 feet (page 2), or 1 meter to 5 meters (page 3) and are RoHS compliant. Custom lengths and connector types are available as well.

## Features & Benefits

- Industry leading Trompeter PL75 connectors used on all assemblies
- High reliability
- High performance
- 78 ohm impedance
- RoHS Compliant 
- Three cables types to select from
- Fixed length assemblies in stock: 1 – 20 feet lengths, 1 – 5 meter lengths
- Custom lengths and connector configurations available

## Applications

- Military & Aerospace
- Commercial Aviation
- Test & Measurement
- Industrial

**Stocked Cable Length (Inches)**

Part Number	Configuration	Cable Type	Cable Length
21-20-12	PL75 / PL75	TWC-78-1	12 inches
21-20-24	PL75 / PL75	TWC-78-1	24 inches
21-20-36	PL75 / PL75	TWC-78-1	36 inches
21-20-60	PL75 / PL75	TWC-78-1	60 inches
21-20-72	PL75 / PL75	TWC-78-1	72 inches
21-20-120	PL75 / PL75	TWC-78-1	120 inches
21-20-240	PL75 / PL75	TWC-78-1	240 inches
21-21-12	PL75 / PL75	TWC-78-2	12 inches
21-21-24	PL75 / PL75	TWC-78-2	24 inches
21-21-36	PL75 / PL75	TWC-78-2	36 inches
21-21-60	PL75 / PL75	TWC-78-2	60 inches
21-21-72	PL75 / PL75	TWC-78-2	72 inches
21-21-120	PL75 / PL75	TWC-78-2	120 inches
21-21-240	PL75 / PL75	TWC-78-2	240 inches
21-14-12	PL75 / PL75	M17/176	12 inches
21-14-24	PL75 / PL75	M17/176	24 inches
21-14-36	PL75 / PL75	M17/176	36 inches
21-14-60	PL75 / PL75	M17/176	60 inches
21-14-72	PL75 / PL75	M17/176	72 inches
21-14-120	PL75 / PL75	M17/176	120 inches
21-15-12	PL75 / PLR75	M17/176	12 inches
21-15-24	PL75 / PLR75	M17/176	24 inches
21-15-36	PL75 / PLR75	M17/176	36 inches
21-15-72	PL75 / PLR75	M17/176	72 inches
21-15-120	PL75 / PLR75	M17/176	120 inches
21-16-12	PLR75 / PL75	M17/176	12 inches
21-16-24	PLR75 / PL75	M17/176	24 inches
21-16-36	PLR75 / PL75	M17/176	36 inches
21-16-72	PLR75 / PL75	M17/176	72 inches
21-16-120	PLR75 / PL75	M17/176	120 inches
21-17-12	PL155 / PL155	M17/176	12 inches
21-17-24	PL155 / PL155	M17/176	24 inches
21-17-36	PL155 / PL155	M17/176	36 inches
21-17-72	PL155 / PL155	M17/176	72 inches
21-17-120	PL155 / PL155	M17/176	120 inches
21-18-12	PLR155 / PLR155	M17/176	12 inches
21-18-24	PLR155 / PLR155	M17/176	24 inches
21-18-36	PLR155 / PLR155	M17/176	36 inches
21-18-72	PLR155 / PLR155	M17/176	72 inches
21-18-120	PLR155 / PLR155	M17/176	120 inches
21-19-12	PLR155 / PL155	M17/176	12 inches
21-19-24	PLR155 / PL155	M17/176	24 inches
21-19-36	PLR155 / PL155	M17/176	36 inches
21-19-72	PLR155 / PL155	M17/176	72 inches
21-19-120	PLR155 / PL155	M17/176	120 inches

**Stocked Cable Length (Meter)**

Part Number	Configuration	Cable Type	Cable Length
21-14-M1.0	PL75 / PL75	M17/176	1 meter
21-14-M1.5	PL75 / PL75	M17/176	1.5 meter
21-14-M2.0	PL75 / PL75	M17/176	2 meter
21-14-M2.5	PL75 / PL75	M17/176	2.5 meter
21-14-M3.0	PL75 / PL75	M17/176	3 meter
21-14-M3.5	PL75 / PL75	M17/176	3.5 meter
21-14-M4.0	PL75 / PL75	M17/176	4 meter
21-14-M4.5	PL75 / PL75	M17/176	4.5 meter
21-14-M5.0	PL75 / PL75	M17/176	5 meter
21-20-M1.0	PL75 / PL75	TWC-78-1	1 meter
21-20-M1.5	PL75 / PL75	TWC-78-1	1.5 meter
21-20-M2.0	PL75 / PL75	TWC-78-1	2 meter
21-20-M2.5	PL75 / PL75	TWC-78-1	2.5 meter
21-20-M3.0	PL75 / PL75	TWC-78-1	3 meter
21-20-M3.5	PL75 / PL75	TWC-78-1	3.5 meter
21-20-M4.0	PL75 / PL75	TWC-78-1	4 meter
21-20-M4.5	PL75 / PL75	TWC-78-1	4.5 meter
21-20-M5.0	PL75 / PL75	TWC-78-1	5 meter
21-21-M1.0	PL75 / PLR75	TWC-78-2	1 meter
21-21-M1.5	PL75 / PLR75	TWC-78-2	1.5 meter
21-21-M2.0	PL75 / PLR75	TWC-78-2	2 meter
21-21-M2.5	PL75 / PLR75	TWC-78-2	2.5 meter
21-21-M3.0	PL75 / PLR75	TWC-78-2	3 meter
21-21-M3.5	PLR75 / PL75	TWC-78-2	3.5 meter
21-21-M4.0	PLR75 / PL75	TWC-78-2	4 meter
21-21-M4.5	PLR75 / PL75	TWC-78-2	4.5 meter
21-21-M5.0	PLR75 / PL75	TWC-78-2	5 meter

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[M2.5](#) [21-14-M3.0](#) [21-14-M3.5](#) [21-14-M4.0](#) [21-14-M4.5](#) [21-14-M5.0](#) [21-14-M1.0](#) [21-14-M1.5](#) [21-14-M2.0](#) [21-21-](#)  
[M2.5](#) [21-21-M3.0](#) [21-21-M3.5](#) [21-21-M4.0](#) [21-21-M4.5](#) [21-21-M5.0](#) [21-20-M4.0](#) [21-20-M4.5](#) [21-20-M5.0](#) [21-21-](#)  
[M1.0](#) [21-21-M1.5](#) [21-21-M2.0](#) [21-20-M1.0](#) [21-20-M1.5](#) [21-20-M2.0](#) [21-20-M2.5](#) [21-20-M3.0](#) [21-20-M3.5](#)