


# 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   |