


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 |