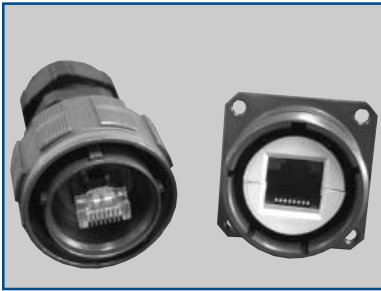


Special Purpose Interconnection Products, cont.

RJ Field Connectors

Consult Amphenol Pcd website: www.rjfield.com. or consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Cylindrical interconnect with RJ45 Ethernet interface. Designed for use in all levels of harsh environments from Industrial to Mil-Aero applications providing IP67 protection from dust, fluids, vibration, shock and traction.	Allows use of Ethernet Class D/Cat 5 and Cat 5e connections for 10 BaseT, 100 BaseTX, or 1000 Base T networks.	RJF TV within MIL-DTL-38999 Series III threaded coupling connector shell. RJF within MIL-C-26482 bayonet coupling shell. RJF 544 within ECTA push-pull plastic shell coupling.	Uses any pre-existing, off-the-shelf Ethernet Class D/Cat 5/ Cat 5e cable; no additional terminations or tooling required.	Operating temp. from -40°C to +85°C. Rated IP67 for environmental sealing. Resistant to shock, vibration and traction. Eliminates hazardous, time-consuming and costly in-field cabling assembly and requires no special tooling. Offers reinforced EMI protection in all three series: RJF, RJF TV, and RJF 544.

OPTIONAL FEATURES

- Available in various shell styles: RJF TV – Threaded, RJF – Bayonet, and RJF 544 – Push Pull.
- Various shell platings available: nickel, olive drab cadmium, anodic, and plastic composite.
- Works with any standard RJ45 cordset with no extra tooling required.
- Optional mechanical clocking with 4 position polarization.

MARKETS

- Data Acquisition and Transmission in Harsh Environments
- Robotics, Process & Motion Control
- Rail Mass Transit, Geophysics, Petro Chemical
- Battlefield Communications, Radar Systems, Shelters

USB Field Connectors

Consult Amphenol Pcd website: www.rjfield.com. or consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Cylindrical interconnect with a USB interface. Designed for use in all levels of harsh environments from Industrial to Mil-Aero applications providing IP67 protection from dust, fluids, vibration, shock and traction.	Allows the use of standard USB with either 1.1 or 2.0 performance levels.	USBF TV within MIL-DTL-38999 Series III threaded coupling connector shell. Using a Tri-Start thread coupling mechanism, this system has an anti-decoupling device for high vibrations.	Uses any pre-existing, off-the-shelf standard USB 1.1 or 2.0 version cable assemblies; no additional termination or tooling required.	Operating temp. from -55°C to +85°C. Rated IP67 for environmental sealing. Resistant to shock, vibration and traction. Eliminates hazardous, time-consuming and costly in-field cabling assembly and requires no special tooling. Offers reinforced EMI protection with conductive plated shells and metallized receptacle inserts.

OPTIONAL FEATURES

- Available in various shell styles: USBF TV Series III 38999 – Threaded, USBF TV Series I 38999 – Bayonet.
- Two shell platings available: nickel, olive drab cadmium.
- Works with any standard 1.1 or 2.0 USB cable and requires no extra tooling.
- Optional mechanical clocking with 2 position polarization.

MARKETS

- Data Acquisition and Transmission in Harsh Environments
- Robotics, Process and Motion Control
- Rail Mass Transit, Embedded Computers
- Battlefield Communications, Radar Systems, Shipboard/Naval

MTRJ Field Connectors

Consult Amphenol Pcd website: www.rjfield.com. or consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Cylindrical interconnect with a MTRJ interface. Designed for use in all levels of harsh environments from Industrial to Mil-Aero applications providing IP67 protection from dust, fluids, vibration, shock and traction.	Allows the use of any preassembled, standard MTRJ patchcord to upgrade it to a harsh environment connection system.	MTRJ within a MIL-DTL-38999 Series III threaded coupling connector shell. Using a Tri-Start thread coupling mechanism, this system has an anti-decoupling device for high vibrations.	Uses any pre-existing, off-the-shelf standard MTRJ patchcord (Mini Round, Flat Duplex or Duplex Zipcord) cable assemblies; no additional termination or tooling required.	Operating temp. from -20°C to +70°C. Rated IP67 for environmental sealing. Resistant to shock, vibration and traction. Eliminates hazardous, time-consuming and costly in-field cabling assembly and requires no special tooling. Number of channels: 1/2/4. Typical insertion loss: 0.5dB in MM. Durability: 500 mating cycles.

OPTIONAL FEATURES

- Available in various styles: MTRJ Field – Threaded, LC Field – Threaded, and LX5 Field – Threaded.
- Shell platings available: nickel, bronze and olive drab cadmium.
- Works with any standard patchcord and requires no extra tooling.
- Adapts to various cordset types and types of fiber 50/125, 62/125, 9/125.

MARKETS

- Data Acquisition and Transmission in Harsh Environments
- Robotics, Geophysics and Petro Chem, Base Stations
- Rail Mass Transit, Naval Shipboard
- Battlefield Communications, Radar Systems, Shelters