

Ethernet Connection System



FEATURES

The MTRJ Field offers an easy system to upgrade from a standard to an environmental MTRJ.

- Sealed against fluids and dust (IP67)
- Shock, Vibration proof,
- No cabling operation in field and no tools required for installation

APPLICATIONS

Data acquisition and transmission in Harsh Environment

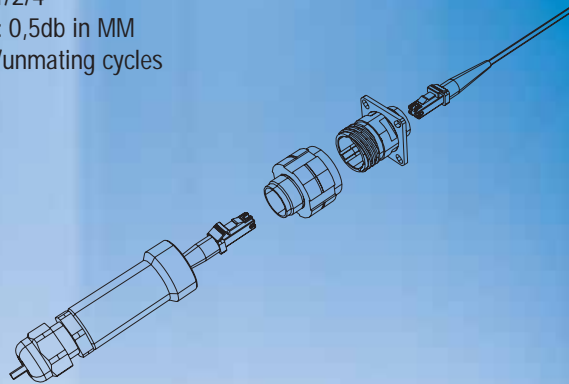
- Railways
- Base Station
- Military communication
- Navy

With the patented RJStop[®] system you can use a standard MTRJ patchcord in a metallic plug which will protect it from shocks, dust and fluids. No hazardous field cabling.

This metallic plug is connected into a receptacle, using a Tri Start Thread coupling mechanism (MIL-DTL-38999 series III type) with anti-decoupling device for high vibrations.

Optical performance :

- Number of Channel : 1/2/4
- typical Insertion Loss : 0,5db in MM
- Durability 500 mating/unmating cycles (changes for <0,2 db)



MTRJ FIELD TV

Transform your MTRJ patchcord into an Environmental Connector

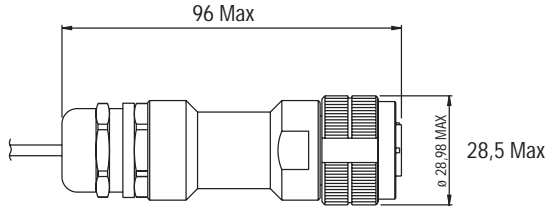
Amphenol

Fiber Optic Solutions

MTRJ FIELD TV

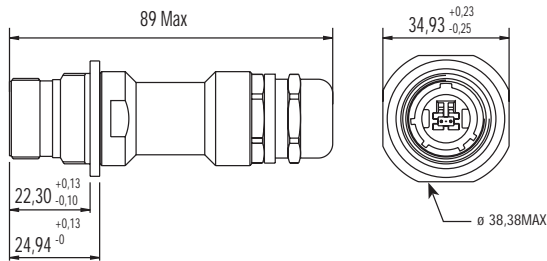
LINE DRAWINGS (dimensions in mm)

• Plug (MIL DTL 38 999 series III Size 13)

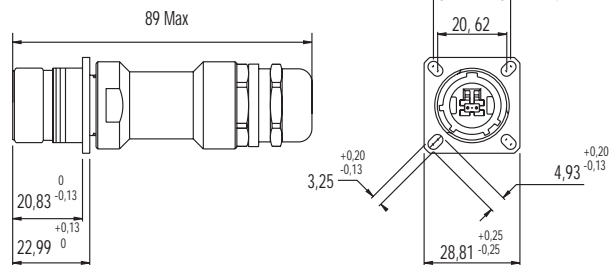


• Receptacle (MIL DTL 38 999 series III Size 13) with backshell

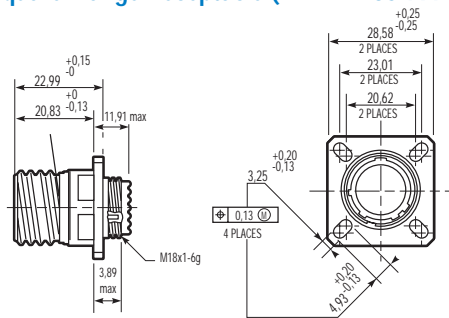
Square flange receptacle with backshell



Jam Nut receptacle with backshell

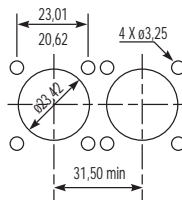


• Square Flange Receptacle (MIL DTL 38 999 series III Size 13)

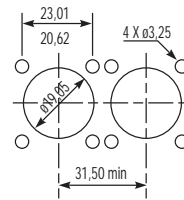


Panel Drilling

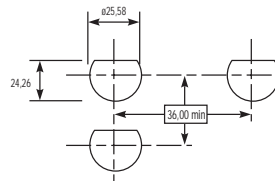
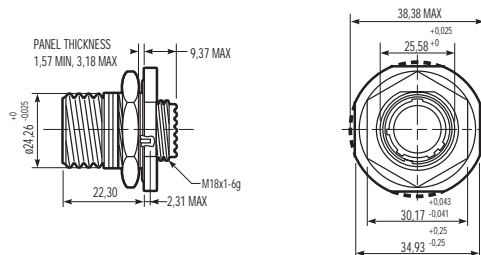
Square flange receptacle rear panel mounting



Square flange receptacle front panel mounting

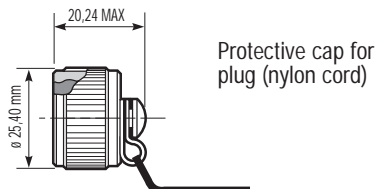


• Jam Nut Receptacle (MIL DTL 38 999 series III Size 13)

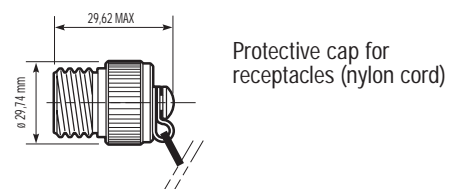


Panel Drilling
Jam nut receptacle rear panel mounting

• Protective caps



Protective cap for plug (nylon cord)



Protective cap for receptacles (nylon cord)



MTRJ FIELD ORDERING INFORMATIONS:

Serie:	MTRJ	F	TV	6M	C	G	M
MTRJ Field TV _____							
Shell type _____							
6 : Plug with metal backshell, plastic PG clamp							
6M : Plug with metal backshell and metal PG clamp							
2 : Square flange receptacle							
2PE : Sq. flange, metal backshell and plastic PG clamp							
2PEM : Sq. flange, metal backshell and metal PG clamp							
7 : Jam nut receptacle							
7PE : Jam nut, metal backshell and plastic PG clamp							
7PEM : Jam nut, metal backshell and metal PG clamp _____							
Cable type _____							
C : Mini round cable 2,8 mm							
D : Flat duplex cable 1,6 mm							
S : Duplex zipcord 1,6 mm							
O : Receptacle without backshell							
T : Mini round cable 2,8 mm or Flat duplex cable 1,6 mm or Duplex zipcord 1,6 mm _____							
Shell finish _____							
N : Nickel plated							
G : Olive drab cadmium plated							
B : Bronze _____							
Polarization _____							
N : Normal							
A, B, C, D, E _____							

DUST CAP ORDERING INFORMATIONS

CAP Series	B	EC	N	TV	W	13
Protective cap type _____						
EC : For square flange receptacle						
ER : For jam nut receptacle						
F : For plug _____						
Wire type _____						
N : Nylon cord						
Blank : Metallic chain _____						
TV : Series _____						
Shell finish _____						
B : Bronze						
F : Electroless nickel plated, aluminium version						
W : Olive drab cadmium plated, aluminium version _____						
Corresponding connector shell size : 13 _____						

Requested information to order MTRJ Field Patchcord

Plug MTRJ : Male /Female
 Type of fiber : 50/125, 62,5/125, 9/125
 Patchcord length : ex 10.5m
 Drawing : description of the product

Contact us for other configuration

Dismounting Tool Ordering Informations

MTRJFTV DM TOOL

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