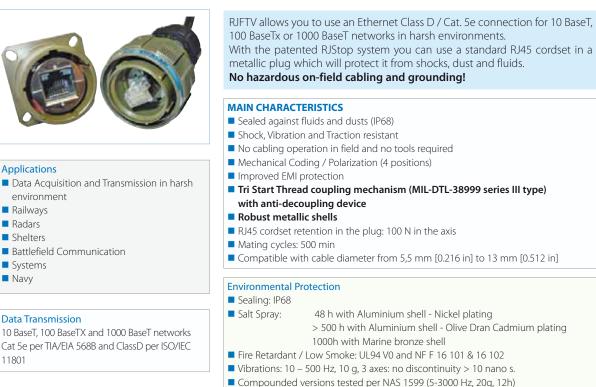


# **RJF TV**

### **Ethernet Connection System for Harsh Environment**



- Shocks: IK06: weight of 250 g drop from 40 cm [15.75 in] onto connectors (mated pair)
- Humidity: 21 days, 43°C, 98% humidity
- Thermal Shock: 5 cycles at 40°C / +100°C
- Temperature Range: 40°C / +85°C

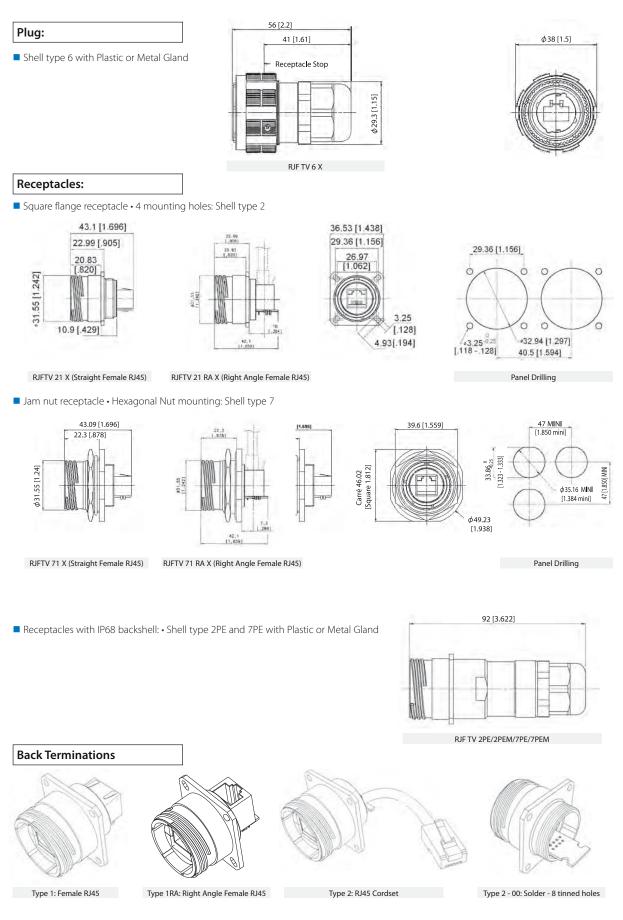
Part	Number	Code

Series RJ Field TV	RJFTV	2	2	G	03 100 BTX
Shell Type 6: 6M: 2: 2PE: 2PEM: 7: 7PEM: 2SA, 7SA:	Plug with Plastic gland Plug with Metal gland Square Flange Receptacle Square Flange Receptacle, IP68 backshell, Plastic gland Square Flange Receptacle, IP68 backshell, Metal gland Jam Nut Receptacle, IP68 backshell, Plastic gland Jam Nut Receptacle, IP68 backshell, Metal gland Transversally sealed receptacle (unmated) see page 22				
Back Termin 1: 1RA: 2:	ations (Receptacles only) Female RJ45 Right Angle Female RJ45 RJ45 Cordset				
Shells mater N: G: BZ:	rial & Finish Aluminium shell - nickel plating (receptacle inserts are metallized) - R Aluminium shell - olive drab cadmium plating (receptacle inserts are Marine bronze shell (receptacle inserts are metallized) - ROHS complia	metallized)			
03 100 BTX: 05 100 BTX: 10 100 BTX:	<b>gth (type 2 back termination only)</b> 0.3m [11.81 inches] 0.5m 19.68 inches] 1m [39.37 inches] 1.5m [59.05 inches] 8 tinned holes at the rear of the PCB to solder the cable				

Examples: - Olive Drab Cadmium plug with plastic gland: RJF TV 6G

- Olive Drab Cadmium Jam Nut Receptacle, female RJ45 back termination: RJF TV 71G
- Nickel Jam Nut Receptacle, 1,5 m 100 BTX cordset back termination: RJF TV 72N 15 100BTX
- Olive Drab Cadmium in line Square Flange Recept., 0,3 m 100 BTX cordset back termination: RJF TV 2PE 2 G 03 100BTX
- Nickel Jam Nut Receptacle Solder termination 8 tinned holes: RJF TV 22 N 00

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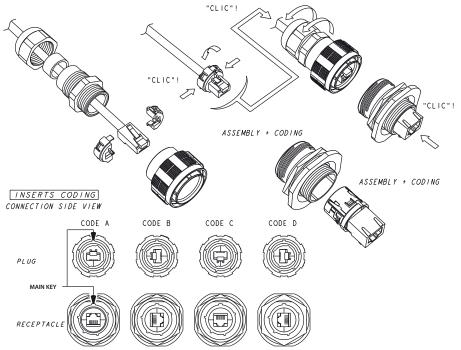
Notes Type 2 without RJ45 plug at the end of the cable is also available: consult factory

**RJFTV** 

Amphenol

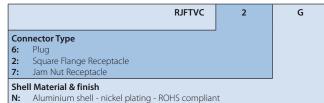
## Assembly instructions

Insert Codings



## Accessories

#### Metallic Caps







Plug Cap

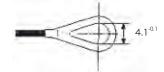
Receptacle Cap



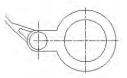
Aluminium shell - olive drab cadmium plating

BZ: Marine bronze shell - ROHS compliant

Plug Cap end



Square flange receptacle cap end



Jam Nut receptacle cap end

 Panel Gasket for square flange receptacle (Thickness: 0,8 mm [.031]): JE19



Insert removal tool: RJF ODE



G:

## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

RJFTV25GF459 RJFTVX2SA1N RJFTVX6MN RJFTV7PEM1BZ RJFTV7HA1G RJFTV7SA2N03100BTX