

Rugged Networks Solutions

Connectors, Switches, Media Converters, Cordsets and Accessories for Harsh Environment



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Designed by Amphenol Socapex

DOC-001056-ANG - September 2023

ETHERNET

RJF TV ATEX

- Available in RJ11
- Industrial & explosive environments
- Sealing : IP68



ETHERNET

RJF

- RJ45 connectors
- Shell size 18
- Available in Cat5e, Cat6 and Cat6A versions
- Bayonet coupling
- Sealed against fluids and dusts (IP68)

ETHERNET

RJF TV Reduced Flange

- RJ45 connectors
- Smaller: 41% footprint surface reduction
- Lighter: 15% lighter than standard RJF TV receptacles



ETHERNET

RJF TV

- RJ45 connectors
- Shell size 19
- Cat5e, Cat6 and Cat6A versions
- Robust metallic shell
- Sealed against fluids and dusts (IP68)



ETHERNET

RJF RB

- RJ45 connectors
- Reverse bayonet coupling
- Sealed against fluids and dusts (IP68)

ETHERNET

RJF 544

- RJ45 connectors
- Quick push pull coupling
- Shock, vibration and traction resistant
- Sealed against fluids and dusts (IP68)



RUGGED ETHERNET SWITCHES & MEDIA CONVERTERS

Rugged military Ethernet Switches and Media Converters with the highest performance, designed for military and harsh environments applications

- Compact Rugged Switches
- Managed Gigabit Rugged Switches
- Rugged Fiber Optic Converters
- POE Managed Gigabit Switches



CORDSETS & JUMPERS

A selection of RJ and USB cordsets to extend lengths

- RJ45 Tactical Cordset
- RJF TV Cordset
- MILVA NGVA USB Cordset
- USBF TV Cordset
- USB 2.0 & 3.0 Tactical Cordset



DISPLAY

MDP FTV

- Shell size 13
- Data transmission :
 - Can support 8K UHD (7680 x 4320) at 60 Hz or 4K UHD (3840 x 2160) at 120 Hz
 - Display 1.4 protocol
 - Transmission bandwidth: 32.4 Gbit/s with 8.1 Gbit/s per lane



DISPLAY

HDMI FTV

- Shell size 17
- Data transmission :
 - HDMI 2.0 protocol
 - Transmission bandwidth : 18 Gbit/s with 6 Gbit/s per lane.
 - Can support 4K UHD (3840 x 2160) at 60 Hz.



USB

A large selection of rugged USB solutions for military, aerospace and industrial applications.

- USBF TV
- USB3F TV
- Rugged USB key
- USB Amplifier
- µCom & TVµCom USB3.0



ACCESSORIES

CapLock & PlugLock

- Solution for Cybersecurity
- Locking accessories for 38999, USBFTV & RJFTV connectors...
- For plug & receptacle
- Shell size 9 to 25



ACCESSORIES

Protective caps

- Compatible with plugs, jam nut and square flange receptacle
- Compatible with 38999 Series I, II, III, PT/451, RJ & USB Field, Amphenol Sine RT360
- 9 sizes



ETHERNET

**µCom 10Gb+
TVµCom 10Gb+**

- Miniature, high speed Cat6A & Cat7 connectors
- 4 pairs totally insulated throughout the connector
- Solder, Crimp and PCB contact styles



USB



**USB3CF TV
USB Type-C**

- Receptacle and plug fully reversible
- Compatible with USB3.2 Gen1
- Shell size 11
- Power delivery; Audio; Video; USB3.2

