# Amphenol Pcd

# Rugged Networks Solutions Connectors, Switches, Media Converters, Cordsets and

**Accessories for Harsh Environment** 



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Documentation https://www.amphenolpcd.com/resources

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Designed by Amphenol Socapex DOC-001056-ANG - September 2023

# **Amphenol Pcd**

### **Amphenol PCD**

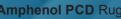
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#### To buy our products

To order a paper version of our catalogs, send an e-mail to rugged\_solutions@amphenolpcd.com







**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 RB**

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

VO

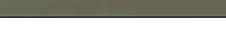
# **ETHERNET**

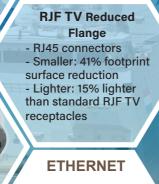
**RJF 544** - RJ45 connectors - Quick push pull coupling - Shock, vibration and traction resistant - Sealed against fluids and dusts (IP68)

## **ETHERNET**

#### uCom 10Gb+ TVµCom 10Gb+

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





**ETHERNET** 

## **RJF TV**

- RJ45 connectors - Shell size 19 - Cat5e, Cat6 and Cat6A versions - Robust metallic shell - 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



ACCESSORIES

Protective caps

receptacle

Sine RT360

- 9 sizes

- Compatible with plugs, jam nut and square flange

- Compatible with 38999

Series I, II, III, PT/451, RJ

& USB Field, Amphenol

 RJ45 Tactical Cordset RJF TV Cordset

**USBF TV Cordset** 

MILVA NGVA USB Cordset



USB 2.0 & 3.0 Tactical Cordset





**CORDSETS & JUMPERS** 

A selection of RJ and USB

cordsets to extend lengths

### CapLock & PlugLock

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



#### DISPLAY **MDP FTV** - Shell size 13 - Data transmission : • Can support 8K UHD (7680 × 4320) at 60 Hz or 4K UHD (3840 × 2160) at 120 Hz • Display 1.4 protocol

• Transmission bandwidth: 32.4 Gbit/s with 8.1 Gbit/s per lane

USB

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

- USBFTV
- USB3FTV Rugged USB key
- USB Amplifier
- µCom & TVµCom USB3.0



# **ACCESSORIES**

# Due to technical modifications, all information provided is subject to change without prior notice Designed by Amphenol Socapex

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#### DISPLAY

#### **HDMIFTV**

- 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 × 2160) at 60 Hz.

USB

#### **USB3CFTV** USB Type-C

NEW

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

