

ARINC 818 Switches

Environmental information

Operating temperature range:
 Commercial: 0°C to 50°C
 Industrial: -20°C to 70°C
 Storage temperature range: -55°C to 125°C
 Maximum shock range: 10g during 20ms
 Maximum vibration range: 0.03 g2/Hz
 ROHS compliant

Ordering information

PFO-Switch-A818-100: ARINC 818 Optical Switch 19", 1U, ST connector, RS232.

PFO-Switch-A818-100-LC: ARINC 818 Optical Switch 19", 1U, LC connector, RS232.

PFO-Switch-A818-200: ARINC 818 Optical Switch shoe box, DO160, ELIO connector, web server.

PFO-Switch-A818-300: ARINC 818 Optical Switch 19", 1U, LC connector, web server.



10 x 10 ARINC 818 Switch rugged

The **ARINC 818 Switches** are targeted at Avionic applications which need multiple optical I/O interfaces and very high switching speeds.

The **ARINC 818 Switches** consist of 1U 19" rack or rugged DO160 version featuring a very high density optical I/O and carrying up to 10 optical inputs / outputs.

The «smart switching» functionality keeps the frame integrity.

The ARINC 818 Switches are delivered with your ICD configuration.

Techway

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Certificate FR12/695125

Applications

Aeronautic
Broadcast, multicast
Test Pattern generation on all display
Prototyping
Test bench

Benefits

Ready To Use
Stand Alone use
Rackable
Link rate and FO wavelenght specific to the ICD

Easy To Use
Monitoring and command via web server
TechwaY support

Smart switching
High speed, low latency
Test pattern generation

Related products

MTRX_PClE4: Frame Grabber ARINC 818 PCIe receive or transmit ARINC 818.

PFO-cable_optical_LC/LC: Optical Fiber, 1m.

PFO-cable_optical_Elio/ST: Optical Fiber Elio/ST, 30cm.

PFO-cable_optical_Elio/Elio: Optical Fiber Elio/Elio, 30cm.

Features

Commutation by FPGA
Broadcast, multicast
Up to 10 input channels / up to 10 output channels
Pattern generation
Fiber connections 850 nm
Control by RS232 or by Ethernet
Supervision by WebServer or SNMP
Rx module: Up to -15 dBm attenuate signal
Tx module: Extinction ration 9 to 14 dB power -2 dBm
Switching between have CRC error analyzing
Low latency
Rack 19" 1U or shoe box
Power supply AC (220V) or DC (48V)
Certified CE or DO160

Firmware

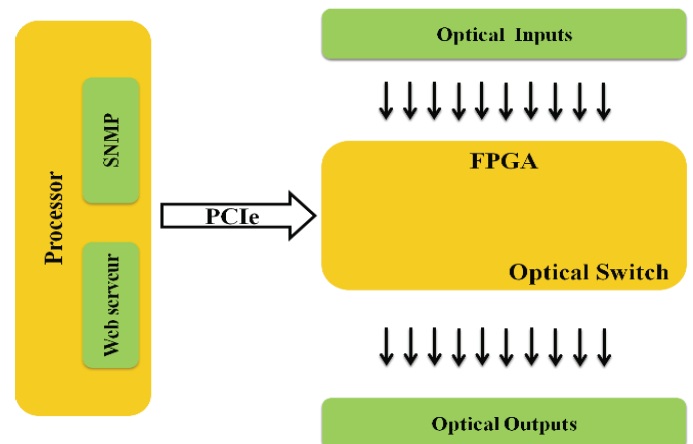
Update fi rmware via the Web server

Software

Web server:
Remote access (control and monitring)
Software update

SNMP:
Control and monitoring

Black Diagramm



Sales Enquiries

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