

Features

- Auto-Negotiation
- Fixed Full-Duplex on Fiber
- Auto-MDI/MDIX
- Automatic Link Restoration
- Jumbo Frame

Major Benefits

- Micro-OTDR — μ OTDR™
- Eliminates Detection Time
- Distributed Fiber Monitor
- Reduced MTRR Costs
- iSFC® Single-Fiber SFP
- iDFC™ Dual-Fiber SFP/SFP+

μ OTDR™ Features

- Dead Zone < 50 Meters
- Resolution < 10 Meters
- Accuracy < +/- 50 Meters
- OTDR Dynamic Range — DR
- iSFC® GbE DR > 55 dB
- iSFC® FastE DR > 60dB
- iDFC™ FastE / GbE > 65 dB
- Fully Automatic Operation
- Reflection Immune — RIO®
- PC and UPC FO Connectors

S11

Description

The AS2-S11-S-GE-5 is a 10/100/1000 Ethernet stand-alone Media Converter which provides cost-effective, media conversion between 10/100/1000Base-T and 1000Base-EX/ZX ports, managed through the OZC Web Interface and MIB Browser (SNMP). Provides support for reading data from iSFC® and iDFC™ Micro-OTDR SFP Modules. iSFC® Transceivers transmit and receive at the same wavelength, doubling the optical fiber plant capacity. Upon disruption of the data link, or failure to connect, the unit switches into Micro-OTDR Mode, emitting optical power pulses of more than +13 dBm and detecting the reflected pulses at least down to -42 dBm optical power. Also acts as a USB Hub for monitoring up to sixty-four Zonu-Connect™ Chassis.

USB Connection to Zonu-Connect and J-Chassis:

- Monitoring of multiple Zonu Chassis;
- SNMP, Web Page interface, or ZonuConnect™ GUI Server;
- Ability to capture Traps and Alarms through the SNMP (v2, v3).

Micro-OTDR (μ OTDR™):

- Supports all GbE Optical Zonu SFPs;
- Monitor the SFP from a switch specific IP Address;
- SNMP or Web Page Interface;
- Web Page Interface
 - Optical Fiber Link “Birth Certificate”;
 - Faults Detected and/or “Trapped”; Capture Traps and Alarms through the SNMP.

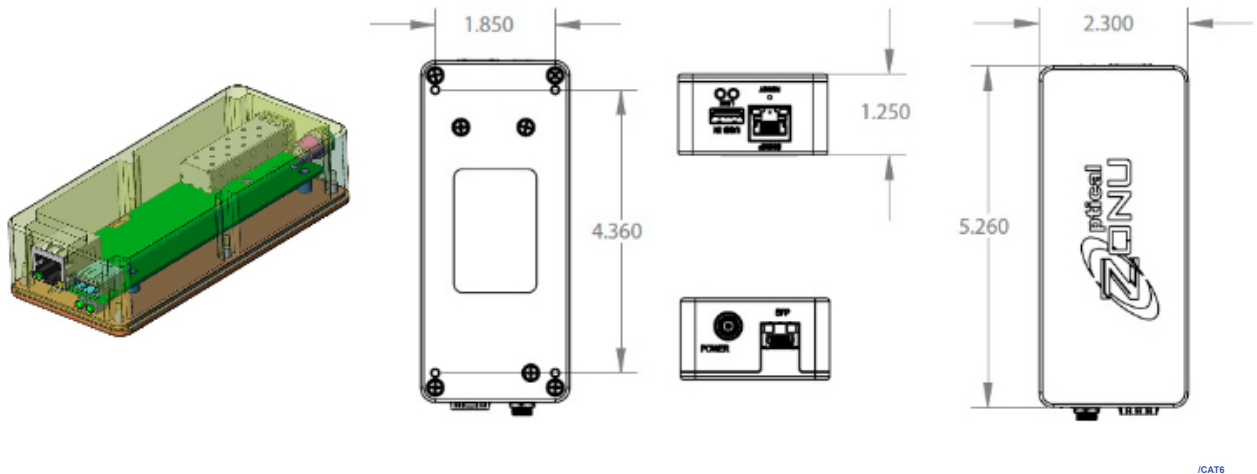
SSH to Configure Traps/Alarms, and User Credentials. Firmware Upgrade from FTP.

IP Network Configuration through the Web Interface.

Media Converter Specifications

Standards	IEEE 802.3z; IEEE 802.3ab; AVB; TSN
Status LEDs	PWR (Power) - below USB: ON => Power FX-Link/Act (Fiber Link/Activity) Lower Left on RJ-45: ON => Link; Flashing => Activity TX-Link/Act (Copper Link/Activity) Lower Right on RJ-45: ON => Link; Flashing => Activity
Dimensions	2.30in x 5.26in x 1.25in (W x D x H)
Power Consumption	5.2 W (Max)
DC Current	1.0 A (Typ)
DC Voltage	4.5 VDC (Min) 6.0 VDC (Max)
Environment	
Operating	-20°C to +60°C
Storage	-40°C to +80°C
Humidity	5% to 95% (non-condensing)
Altitude	0 to 10,000 ft (MSL)
Weight	2 lbs [0.9 kg]
Safety	

Media Converter - Layout and Dimensions (inches)

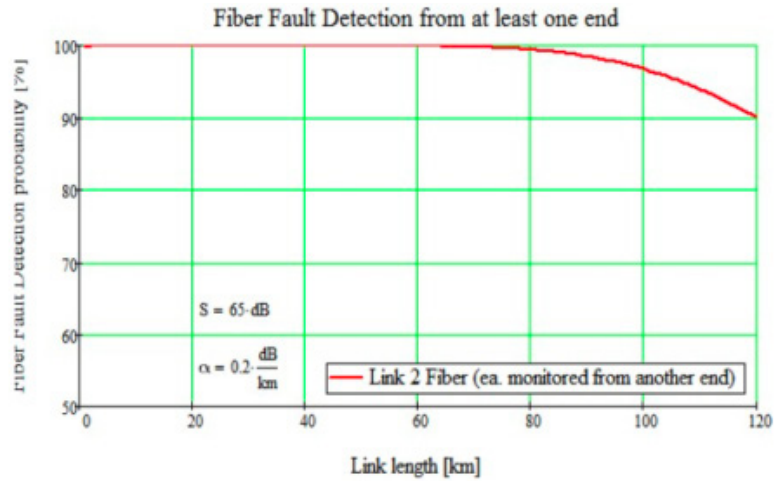
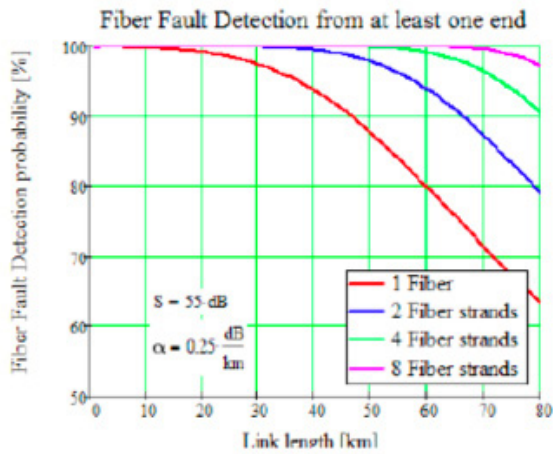


(SFP Specifications — See SFP Product Data Sheets)

Optical Fiber Fault Detection Probabilities

Single-Fiber (DR > 55 dB)

Dual-Fiber (DR > 65 dB)



Ordering Information

PART NO. Indoor Units

AS2 - S11 - S - GE - 5



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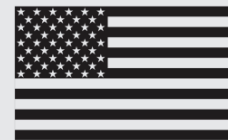
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MADE IN



U. S. A.

