PFU-P-C-O-060-01

PoE Extender, Universal Mount, Outdoor, 60 Watt, 1-Port

- Environmentally sealed closure - IP67
- Electrical power management
- Circuit protection electronics
- Optical to electrical Media Conversion
- Automatically conditions electrical voltage to the correct level
- 1 60W PoE port

Product Classification

Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Product Type	PoE unit

General Specifications

Color	Aluminum
Data Transfer Rate, maximum	1 Gb @ 1 km
Interface, Input	Multimode fiber input: OM3/OM4 SFP | Singlemode fiber input: G657.A2 SFP
Interface, Output	RJ45 output: Cat 5e/6, Half Duplex and Full
Mounting	Universal pole mount | Universal wall mount
Total Ports, quantity	1
Transition Performance	1 port, 60W PoE rated output
Transmission Standards	CISPR 22/FCC CFR 47 | EN300386/FCC CFR 47 | ETSI EN 300 019-1-4 | IEC 60950-1 | IEC 60950-22 | ITU-T K.45 | NEC Class II
Transmission Standard Note	NEC Class II requires a power supply unit (PSU) limited to less than 60V DC | PoE standard (IEEE 802.3af) assumes 15.4W power consumption | PoE+ standard (IEEE 802.3at) assumes 25.5W power consumption

Dimensions

Height	224.71 mm | 8.847 in
Width	283 mm | 11.142 in
Depth	77.02 mm | 3.032 in

Outline Drawing

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Input Voltage	Cable Gauge (AWG)	60W PoE Maximum Distance (m)
Maximum (57V)	12	650
	16	255
Nominal (48V)	12	460
	16	180
Minimum (40.5V)	12	330
	16	130

Maximum Output 60W at the PoE Extender to permit 52W with 90m of Cat 6 cable.

NEC Class 2 requires a power supply unit (PSU) limited to less than 60V DC. In practice, some commercial 48V power supplies may be configured to output from 48V up to about 57V.

A range of PSU voltage outputs is represented, along with the two Powered Fiber Cable copper gauge options, with supported maximum distances in meters.

Material Specifications

Finish   White solar shield

Material Type   Aluminum

Environmental Specifications

Installation temperature   -5 °C to +45 °C (+23 °F to +113 °F)

Operating Temperature   -40 °C to +65 °C (-40 °F to +149 °F)

Storage Temperature   -40 °C to +70 °C (-40 °F to +158 °F)

Environmental Space   Outdoor

Qualification Standards   IEC 60529:2001, IP68

Safety Standard   CE | CSA | SELV

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Packaging and Weights

Weight, net   5.08 kg | 11.199 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

* Footnotes

Data Transfer Rate, maximum Through PoE+ Media Converter

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