

PFU-P-C-0-060-02



PoE Extender, 2 Port Universal Mount, Outdoor, 60 Watt, 2-Port

- Environmentally sealed closure - IP67
- Electrical power management
- Circuit protection electronics
- Optical to electrical Media Conversion
- Automatically conditions electrical voltage to the correct level
- 2 independent PoE ports

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 2
Transition Performance 2 separate ports each 25.5W, 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)	Lmax (m) (PoE+/PoE+)	Lmax (m) (PoE/PoE+)	Lmax (m) (PoE/PoE)	Lmax (m) (PoE+)	Lmax (m) (PoE)
Maximum (57V)	12	650	1120	1570	1595	2630
Maximum	16	255	445	620	630	1040
Nominal (48V)	12	460	795	1100	1120	1840
Nominal	16	180	315	435	440	725
Minimum (40.5V)	12	330	555	770	780	1285
Minimum	16	130	220	305	310	510

Maximum Output 30W at the PoE Extender to permit 25.5W 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.

Note: PoE standard IEEE 802.3 af (IEEE 802.3at type 1) assumes 12.95W power consumption. PoE+ standard (IEEE 802.3at type 2) assumes 25.5W.

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