

# PFU-P-C-0-060-02

---



## PoE Extender, 2 Port Universal Mount, Outdoor, 2-Port

- Environmentally sealed and tested
- 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

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	PoE unit

## General Specifications

<b>Data Transfer Rate, maximum</b>	1 Gb
<b>Interface, Input</b>	2 SFP modules
<b>Interface, Output</b>	2 x RJ45
<b>Mounting</b>	Universal pole mount   Universal wall mount
<b>Total Ports, quantity</b>	5
<b>Transition Performance</b>	2 separate ports each 25.5W, PoE+ rated output
<b>Transmission Standards</b>	10/100/1000BASE-T   1GBASE-X
<b>Input/Output Interface</b>	3 input / 2 output

## Dimensions

<b>Height</b>	224.71 mm   8.847 in
<b>Width</b>	283 mm   11.142 in
<b>Depth</b>	77.02 mm   3.032 in

## Outline Drawing

# PFU-P-C-0-060-02

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

## Material Specifications

<b>Finish</b>	Powder coated, off-white
<b>Material Type</b>	Aluminum

## Environmental Specifications

<b>Installation temperature</b>	-5 °C to +45 °C (+23 °F to +113 °F)
<b>Operating Temperature</b>	-40 °C to +65 °C (-40 °F to +149 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Environmental Space</b>	Outdoor
<b>Qualification Standards</b>	CISPR 22/FCC CFR 47   EN300386   ETSI EN 300 019-1-4   IEC 60529, IP68   IEC 60950-1   IEC 60950-22   IEC 62368   IEEE 802.3at Type 2   NEC Class 2
<b>Safety Standard</b>	CE   CSA   FCC   RCM   SELV   WEEE

## Packaging and Weights

<b>Weight, net</b>	5.08 kg   11.199 lb
--------------------	---------------------

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value

# PFU-P-C-0-060-02

---

REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

