



PFU-P-B-O-030-01

PoE Extender, Universal Bracket, Outdoor, 30 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

Product Classification

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

Body Features

Color	White
Material	Sand cast Aluminium
Weight	2.3 kg 5.2 lb

Configuration Features

Number of Ports	1
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Dimensions

Height	74.00 mm 2.91 in
Length	245.00 mm 9.65 in
Width	173.00 mm 6.81 in

Electrical Characteristics

Transition Performance	25.5W, PoE+ rated output
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Industry Standards

Approved Standards	CE/FCC/CSA/C-Tick CISPR 22/FCC CFR 47 Part 15/ICES-003 EN 300.019-1-4 Class 4.1E EN300386/FCC CFR 47 Part 15/ICES-003 IEC 60529, IP67 IEC60950-1, IEC60950-22 REACH SVHC RoHS 2011/65/EU SELV and NEC Class II
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Mechanical Attachment

Mounting Type	Universal Bracket
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Other

Comment	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
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Outline Drawing

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Input Voltage	Cable Gauge (AWG)	PoE/PoE+	Max Recommended Cable Length (Meters)
Maximum (57V)	12	PoE	3040
	12	PoE+	1560
	16	PoE	1190
	16	PoE+	610

Nominal (48V)	12	PoE	2150
	12	PoE+	1100
	16	PoE	850
	16	PoE+	430

Termination Features

Termination Method Optical Multimode Input: OM3/OM4 SFP | Optical Singlemode Input: G657.A2 SFP | PoE+ Media Converter Input: Duplex OM3 | PoE+ Media Converter Input: Simplex SMF | RJ45 Connector Output: Half Duplex and Full

Usage Conditions

Installation Temperature Range -5 – 45 °C
Operating Temperature -40 – 65 °C
Storage Temperature -40 – 70 °C
Weather Resistance IP67

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification