COMMSCOPE®

PFU-P-B-O-001-01 | 300100113889

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

Body Features

Color	Gray
Material	CNC machined
Weight	0.9 kg	2.0 lb

Configuration Features

Number of Ports	1

Dimensions

Height	69.000 mm	2.717 in
Length	170.000 m	557.743 ft
Width	125.00 mm	4.92 in

Electrical Characteristics

Transition Performance	25.5W, PoE+ rated output

Industry Standards

Approved Standards	EN 300.019-1-4 Class 4.1E	EN 55022	EN 55024	EN 60950	IEC 60529	IEC 60793-2-10 type A1a.2	ISO/IEC 11801	ITU-T G.657.A2	ITU.T K21	SELV and NEC Class II

Mechanical Attachment

Mounting Type	Universal Bracket

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

Outline Drawing

Product Specifications

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

Input Voltage	Cable Gauge (AWG)	PoE/PoE+	Max Recommended Cable Length (Meters)
Nominal (48V)	12	PoE	2150
	12	PoE+	1100
	16	PoE	850
	16	PoE+	430

Outline Drawing   Used as an image placeholder

Product Availability

Region   Asia | Australia/New Zealand | EMEA | Latin America | North America

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 – 50 °C
Operating Temperature   -40 – 65 °C
Storage Temperature   -40 – 70 °C
Weather Resistant   IP67

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	