

Westire PoE Power Tap

Power Tap

The market's most versatile
7-pin NEMA/ANSI outdoor
lighting method for powering
a LoRaWAN base station or
other similar type base station
directly from a streetlight



Wide Power Range

The Westire PoE Power Tap is a single-channel Power Sourcing Equipment (PSE) module designed to provide power to pre-enabled devices across a wide range of power levels, from 15.4W (IEEE 802.3af) up to 75W proprietary power levels. It is aimed at a wide range of applications requiring PSE functionality to deliver PoE power directly from streetlights

Easy Integration

The PoE Power Tap is a self-contained module within the standard Westire Power Tap, requiring only one external component to provide a simple and cost-effective power source for a wide range of Powered Devices (PDs).

Features & Benefits

- Direct powering of a **LoRaWAN** or **similar type base station** from your streetlight ANSI/NEMA sockets
- Supplied with **1-metre standard RJ45 cable** (other lengths available on request)
- PoE enclosure designed to meet **IP65** water and dust-tight rating
- Supplied with **RJ45 Cat.6a fully shielded cable connector** for outdoor base station powering
- Simple to connect to a wide range of devices requiring PoE power

Simple to Install

- Remove the photocell from the ANSI/NEMA socket and insert the Power Tap.
- Insert the removed photocell back into the power taps own ANSI/NEMA socket.
- Connect the Power Tap's cable to your third-party auxiliary device requiring the supply



General		Power	
Dimensions	128 mm (H) x 84 mm (W) 5.03" x 3.31"	Mains Supply	105 to 480 V AC 50/60Hz
Warranty	5 years	Output to Base	45 V - 57 V DC relative to 0 V
Cable Length	1 metre standard	Output Power	38 W (other wattages on request)
Power Tap Receptacle	Designed to BS5972 & ANSI C136.41		
Connecting pins	Designed to BS5972 & ANSI C136.10		
Environmental		Applications	
Operating Temperature	-20° C to +80° -4° F to +176° F	The powering of LoRaWAN, PoE-enabled, or similar type base stations from: • Streetlights • Campus perimeter and roadway lighting • Pedestrian and cycleways • Walls or poles	
Power Tap Enclosure Material & Sealing	UV stabilised polycarbonate sealed to IP65		

Westire Power Tap Kit

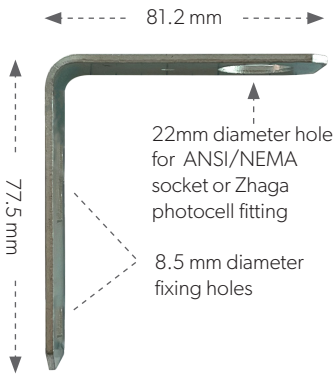
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Westire ANSI/NEMA Socket & Bracket



ANSI/NEMA Wall or Pole Mounting Bracket Dimensions



Manufactured in-house using only high-quality name brand components, Westire products are renowned in the industry for their unparalleled quality and reliability