Power Over Ethernet (PoE)

Side view of combiner adapter – power connection port

Side view of combiner adapter – Ethernet connection port

	Pin Assignment							
	1	2	3	4	5	6	7	8
Ethernet	Data	Data	Data	-	-	Data	-	-
Power over Ethernet (Between Combiner and Splitter)	Data	Data	Data	Vcc	Vcc	Data	Gnd	Gnd

PoE (Power over Ethernet) technology allows user to supply DC power to Network Devices (such as IP Phone, Access Point, and web camera, etc) via Ethernet cable. Electrical power is supplied together with data, on the same Ethernet cable. This is useful when the Network Devices has to be placed in a location where electrical power is not available.

Input

Voltage: 100 to 250VAC -10%, +6%
Line Frequency : 47 to 63Hz
Current: 0.5A max at 90VAC input
Protection: Internal primary current fuse, Inrush limiting

Output

Voltage: +48Vdc Typical, 44V to 57V
Current: 0.4A
Load Regulation: +/-4%, 44V to 57V
Transient Response : 0.5ms for 50% Load change Typ.
Hold-up time: 18ms min @120VAC

Environmental

Operating Temp: 0˚C to 40˚C
Storage Temp: -30˚C to 85˚C
Relative Humidity: 5% to 95% non-condensing
Cooling: Convectional - Non vented case

Mechanical

Case: Desktop style
Dimension: 100(L) x 60(W) x 34(H) [mm]
Case Material: Black 94V0 Polycarbonate
Connectors: Dual RJ45 Jacks built into the enclosure.
Weight: 7 ounces, 198 grams

Ordering

Model no: PUTP–COMBINER(ADAPTER)–130A-01
Part no: PUTP - 130A-01