LigoWave

LigoPTP RapidFire Powering Kit

LigoPoE 802.3af/at Inserter

The device is a 48V DC PoE inserter designed for use with LigoPTP RapidFire outdoor series

Electrical specification

DC Input voltage range	44.0 – 57.0V
IEEE 802.3af/at compliant	POE output
Output power	up to 28W
Power output	RJ45 pins 1,2,4,5 (+) and 3,6,7,8 (–)
Data rate	10/100/1000Mbps
Surge protection	2kV line to line
	6kV line to ground (output port)

Physical specifications

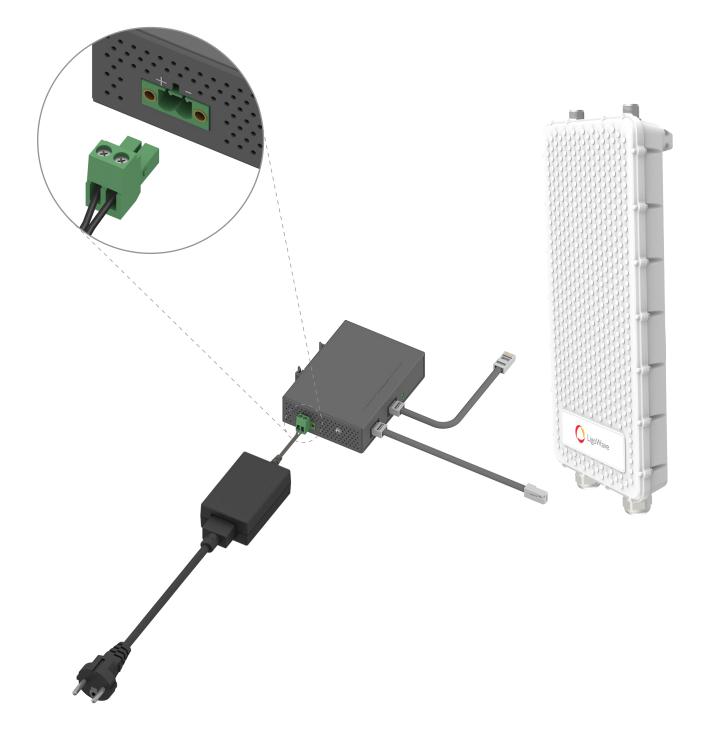|	
DC input	
Data input jack	RJ45
Data + Power output jack	RJ45
Dimensions	117×87×34mm
Weight	270g
Operating temperature	–40 to +65°C
UTP/FTP cable length	100m total
	(from switch to the device)

LigoPTP AC to 48VDC adapter (PoE 802.3af, 48VDC)

The adapter is used to power passive PoE of LigoPTP RapidFire from standard AC power source.

Electrical specification

Input voltage	100 – 240VAC, 50/60Hz
Output voltage	48VDC +/– 5%
Output power	24W
Protection	Short circuit, Overvoltage, Overcurrent

Physical specifications

Input jack	IEC320 C6
Output jack	Terminal block connector
Dimensions	107×47×33mm
Weight	207g
Operating temperature	0 to +40°C

Connection scheme