

# Comnet NWPM1248GE DC to DC Power over Ethernet Injector/17 watt/12 VDC

<b>Ethernet Standards</b>	
IEEE802.3 10BASE-T	
IEEE802.3u 100BASE-TX	
IEEE802.3ab 1000BASE-T	
<b>Connectors</b>	
RJ45 Data In/Out:	Data/signal pairs pin (1,2) (3,6) (4,5) (7,8)
RJ45 Power out	Power over pairs: 4,5(V+), 7,8(V-)
<b>Power</b>	
Power Consumption	NWPM1248GE: 1 W plus 17 W Load for PoE
	NWPM(24,48)48GE: 1 W plus 35 W Load for PoE
Input Power Supply	NWPM1248GE: 9to 36VDC
	NWPM2448GE: 18 to 36VDC
	NWPM4848GE: 36to72VDC
Power Output	NWPM1248GE: 48 VDC @ 0.35 A
	NWPM(24,48)48GE: 56 VDC @ 0.625 A
<b>Electrical &amp; Mechanical</b>	
Indicating LEDs	PoE Active
Size:	
12 VDC	3.3 x 3.0 x 1.4 in (8.5 x 7.6 x 3.6 cm)
24/48 VDC	4.9 x 3.0 x 1.5 in (12.5x7.5x3.8 cm)
Shipping Weight	<0.77 lb/0.35 kg
<b>Environmental</b>	
MTBF	>100,000 hours
Operating Temp	-25■ C to +65■ C
Storage Temp	-40■ C to +80■ C
Relative Humidity	5% to 90% (non-condensing)
<b>Approvals &amp; EMC Compliance</b>	
EMI	FCC Class B, EN55022 Class B
Safety	UL1950, CSA 22.2, TUV EN60950-1