

HFC POWERED POE

Power your preferred access point (AP) or IP camera with this low-cost, *Lindsay TOUGH HFC STRAND MOUNTED DC SUPPLY.*

Powering flexibility matters in 802.11 mesh deployments. *Lindsay LBPOE can power any AP, IP Camera etc. from the HFC strand delivery POE at 24 VDC or 48 VDC. Designed to maintain reliability with HFC uninterrupted powering while offering a cost advantage over conventional powering schemes.*

The 48 Volt version of the LBPOE-48 will safely power any 802.3af or 802.3at compliant device. The LBPOE-48 can provide up to 26 Watts of power. The LBPOE-48 passively combines the 48V onto the CAT5 but does not perform the IEEE handshake.



LBPOE-1 LBPOE-2 LBPOE-4



FEATURES

- Die-cast aluminum housing (clamshell design)
- Mounting configurations: wall, pole, vault, mast, or strand
- Dual gaskets provide 15-PSI weather-proof seal
- Temperature cycled, from -40°C to +60°C (-40°F to +140°F)
- Designed to isolate EMI and protect against surges
- Cable plant-powered (40-90 voltage AC)
- Electromagnetic interference (EMI): -100 dB
- 6Kv Surge protection
- HFC access at any directional coupler or power-passing tap
- Weather-tight RJ-45 Ethernet connector
- Coax power interface protects RF performance of HFC plant
- Passive PoE (12, 24 or 48 VDC or custom) for powering IP devices
- Monitor and configure via SNMP agent, SSH or Web browser
- Add Wi-Fi, camera or other service-enabling device
- 1/2/4 Port Availability: Contact Lindsay Broadband for More Information

SPECIFICATIONS

Item	Specification	Unit	
Type	Passive POE		
Voltage	24 or 52.5	Vdc	
Voltage Accuracy	+/-6	%	
Ripple/Noise (0-500Hz)	500	mVp-p max	
Ripple/Noise (0.5-150KHz)	200		
	max		
Ripple /Noise (150-500KHz)	150		
Ripple/Noise (0.5 - 1 MHz)	100		
Output Current	0.00 -0.42	A	
Current Limit	520	mA max	
Power Output (1-2 port)	26	W-Max per port	
Power Output (4 port)	13	W-Max per port	
Ethernet			
Interface	RJ 45		
HFC Platform			
Insertion Loss	5 dB ±1		
Return Loss	16 dB (max)		
Airtight	15 p.s.i.		
Temperature Range	-40° to +60° C (-40°F to 140°F)		
EMI Isolation	100dB (5 to 1000MHz)		
Surge Protection	Gas Discharge Tube		
Powering	40-90 Vac (Psuedo Sine)		
Power Consumption	10 W (plus device load)		
Physical			
Dimensions	30.5 X 22.8 X 15.2 cm (12 x 9 X 6 inches)		
Weight 1- 2 Ports	5 lbs		
4 port	6 lbs		
Wiring Configuration			
Pin Number	Conductor Color	Name	POE
1	white & orange	TX_D1+	
2	orange	TX_D1-	
3	white & green	RX_D2+	
4	blue	B1_D3+	+24 or +48
5	white & blue	B1_D3-	+24 or +48
6	green	RX_D2-	
7	white & brown	B1_D4+	Return
8	brown	B1_D4-	Return

** Note- specifications subject to change without notice

**FOR MORE INFORMATION ON OUR WIRELESS, OPTICAL AND RF PRODUCTS
CALL 1-800-465-7046 OR
U.S. Sales Toll free: 877-672-4340**

www.lindsaybroadbandinc.com