

## 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	
<b>Ethernet</b>			
Interface	RJ 45		
<b>HFC Platform</b>			
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)		
<b>Physical</b>			
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		
<b>Wiring Configuration</b>			
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](http://www.lindsaybroadbandinc.com)