

Lindsay's LBLTE-PI power inserter allows AC power to be routed from coaxial trunk and feeder lines for the purpose of powering LTE small cell power supplies.

FEATURES

- 20 A current rating for central powering applications
- 5-1220 MHz bandwidth
- Low insertion loss
- Rotational seizure mechanism for aerial or pedestal installations
- Double polyurethane coating for greater weather protection
- Interlocking tongue & groove housing 120 EMI isolation
- Neoprene weather gasket 15 PSI waterproof
- Stainless steel hardware
- Standard fuse holders for bus bars or slow blow fuses
- Compliant to SCTE guidelines
- Surge withstand C62.41.1991 IEEE C6241



LBLTE-PI
(front angled view)



LBLTE-PI
(rear view)

SPECIFICATIONS

Parameter		Specification						
Frequency		5-42 MHz	51-300 MHz	301-400 MHz	401-500 MHz	501-600 MHz	601-900 MHz	901-1220 MHz
Insertion Loss	Nominal	0.9	0.7	0.7	0.7	0.7	1	1.2
Return Loss	In/Out/Min	15	17	17	17	17	17	15
Isolation	Min	80	80	80	80	80	80	80
Hum Modulation	@ 20 A	55	55	55	55	55	55	50
Output Flatness		± 0.25 dB						
Impedance		75 Ω						
Surge Withstand		IEEE C62.41-1991-Cat B3, Combination Wave, 6 kV, 3 kA						
EMI Shielding		120 dB min						
Line Connector Entry		5/8 x 24 to SCTE specification IPS-SP-500						
Pedestal Port Spacing		3.0" (7.6 cm) center to center						
Ingress Protection		IP67 (15 PSI)						
Torque	Housing Closure Screws	20-30 in-lb (2.6-3.4 Nm)						
Power, Environmental & Physical								
Powering Rating Input		20 amps AC/DC (input port) 60-90 V, 1-60 Hz						
Operating Temperature		-40°C to +60°C (-40°F to +140°F)						
Dimensions (H x W x D)		5.0"H x 5.5"W x 3.0"D (12.7H x 13.9W x 7.6D cm)						
Weight		1.3 lb (0.6 kg)						

ORDERING INFORMATION

Part #	Description
LBLTE-PI	1.2 GHz 20 A power inserter