

LBLTE-PI-1.22 GHz 20 AMP POWER INSERTER

APPLICATION

The *Lindsay Broadband* 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 Amp 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 and Groove Housing 120 EMI Isolation
- Neoprene Weather Gasket 15PSI Water Proof
- Stainless Steel Hardware
- Standard Fuse Holders for Bus Bars or Slow Blow Fuses
- Compliant to SCTE Guidelines
- Surge withstand C62.41.1991 IEEE C6241



SPECIFICATIONS

Insertion Loss (Nominal)

Frequency (MHz)	5-42	51-300	301-400	401-500	501-600	601-900	901-1220
LBLTE-PI	.9	.7	.7	.7	.7	1.0	1.2

Return Loss (In/Out/Min.)

Frequency (MHz)	5-42	51-300	301-400	401-500	501-600	601-900	901-1220
LBLTE-PI	15	17	17	17	17	17	15

Isolation (Min.)

Frequency (MHz)	5-42	51-300	301-400	401-500	501-600	601-900	901-1220
LBLTE-PI	80	80	80	80	80	80	80

Hum Modulation @ 20 AMP

Frequency (MHz)	5-42	51-300	301-400	401-500	501-600	601-900	901-1220
LBLTE-PI	55	55	55	55	55	55	50

Powering Rating Input	20 Amps AC/DC (input port) 60-90 Volts, 1 -60 Hz
Output Flatness	±.25dB
Impedence	75 Ohms
Hard Line Surge	6kV @ 3 KA
EMI Shielding	120dB, minimum
Line Connector Entry Specifications	5/8 X 24 to SCTE Specification IPS-SP-500
Pedestal Port Spacing	3.0 inches (center to center)
Water Tight	15 PSI
Physical Dimensions	5.25 x 4.5 x 2.5 inches (L x W x H)
Torque Specifications	Housing Closure screws: 20-30 in. lbs
Operating Temperature	-40° C to +60° C

Specifications are subject to change without notice

ORDERING INFORMATION

Lindsay Part #	Mfg#	Description
30-650	LBLTE-PI	1.2 GHz, 20 amp Power Inserter

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