



50 YEARS IN TECHNOLOGY INNOVATION

LNB POWERING INSERTER

Independent Voltage Selections 13/18 V & 22 KHz for up to 10 LNB^s

LNB Powering Inserter

mod. **LPI-10-V-F**



MAIN FEATURES

- 5 - 3000 MHz ultra wide band Operating Frequency Range
- Up to 10 LNB^s with independent Voltage Selection 13/18 V, 22 KHz
- Up to 500 mA Current Consumption per path, with independent Short Circuit Protections & Alarms
- Dual redundant Hot-Swap PSU with related LED^s & Dry Contacts Alarms

**INNOVATIVE
PERFORMANCE**

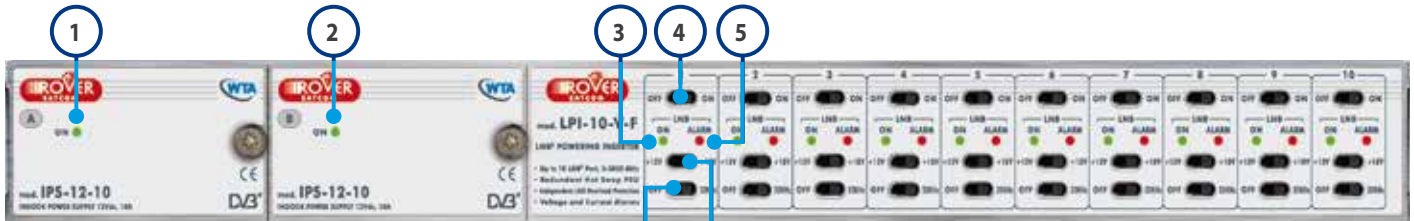
for: SYSTEM INTEGRATOR,
TELEPORT BROADCASTER,
CABLE NETWORK, GOVERNMENT
& MILITARY COMMUNICATIONS



1972 > 2022 >>

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FRONT PANEL VIEW



1. PSU A Status LED
2. PSU B Status LED
3. LNB Status LED
4. LNB Powering Switch
5. LNB Powering Alarm LED
6. 22 KHz Tone selection
7. LNB Voltage selection

REAR PANEL VIEW



1. Earth Bolt
2. RF INPUT = dc to LNB
3. RF OUT = isolated RF transit
4. Dry Contact Alarm
5. AC Mains Receptacle PSU B
6. AC Mains Receptacle PSU A

TECHNICAL SPECIFICATIONS

RF SPECIFICATIONS:

- FREQ. RANGE = 5-3000 MHz
- CONNECTORS = F (f) [BNC (f) or SMA (f) opt.]
- IMPEDANCE = 75 Ohm (50 Ohm opt.)
- RETURN LOSS IN/OUT = > 16 dB
- INSERTION LOSS = 0,3 dB typ (0,8 dB@34 Hz)
- MAX. POWER INPUT = + 30 dBm
- FLATNESS IN 36 MHz WINDOW = < 0,3 dB
- ISOLATION BETWEEN ADJACENT PATHS = > 85 dB

LNB POWER CONTROL:

- D.C. VOLTAGE = OFF, 13V, 18V (or 24 optional)
- 22 KHz TONE = ON/OFF
- MAX Current for each Input = 500 mA
- MAX Overall Current = 10 A
- LED green = OK, red = DC short circuit (Alarm)
- LED ALARM INDICATION = Via Dry Contact

DRY CONTACT ALARM:

- CONNECTOR = SUB-D9 Male
- CONTACT LOAD = 65 V - 400 mA
- A & B MAINS PSU = one defective or both
- DC Short Circuit = at LNB Input

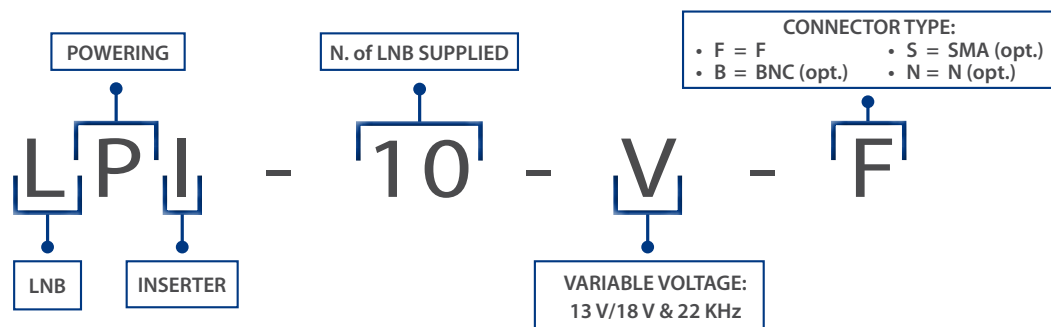
DUAL REDUNDANT HOT SWAP PSU:

- N. 2 AC MAINS PSU = 110-240 VAC (with 2 separate Receptacles for 2 separate Power lines)
- AC POWER CONSUMPTION = 60 VA

GENERAL SPECIFICATIONS:

- SLIM CASE = 19" 1U Rack (35 cm depth)
- NET WEIGHT = 4,8 Kg
- SAFETY = EN 50 083-1 and EN 60 950.
- ENVIRONMENTAL CONDITIONS:
 - Temperature range: -40° / + 55° (max 70°)
 - Umidity 95%
- EMC = EN 50 083-2

ORDERING CODE DEFINITION



V.5,6 24-7-19



Product
made in Italy by
Rover Broadcast.com

CERTIFICATES N°
1263 ISO 9001
1264 ISO 14001
1265 ISO 45001



Specifications and features are subject to change without notice.

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