

RPF PSE Desktop – SR2 (15W) EU Class II Legacy

Reverse Power Feeding Power Supply Equipment

Model: PSETTOLAC-EULE02



Product description



LEA Networks' RPF PSE is a high performance and easy to install RPF unit that enables reverse powering with minimum insertion loss at maximum loop lengths.

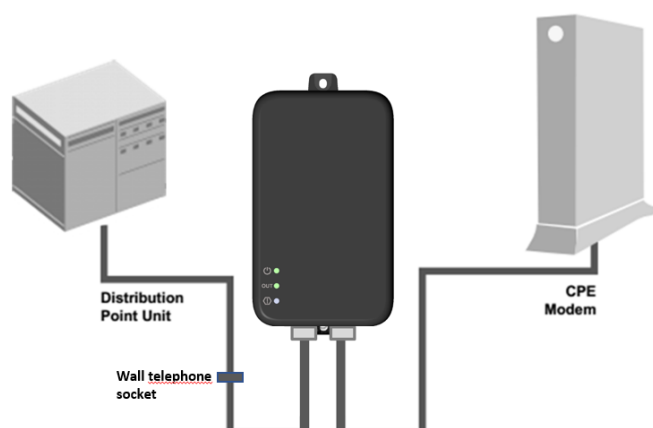
It combines both data and power on one twisted pair or coax cable to reverse power the Distribution Point Unit (DPU).

The RPF PSE Desktop is equipped with one RJ11 connector for LINE, one RJ11 connector for LINE & POWER, one LED for AC power, one LED for reverse power status and one LED for Overload.

Reverse Power Feeding is the ideal and most flexible powering solution for DPU deployments, enabling a drastic reduction in installation costs and times.

Features

- Compatible with G.fast, G.hn SISO & MIMO & Vdsl
- End-user self-install, not requiring licensed electrician
- Options of desktop or wall installation
- Changeable power cord makes it easy to use in different countries
- PSE power class up to 15W



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Specifications

Dimensions	125 x 74 x 35 mm / 4.9 x 2.9 x 1.4 inches
Electrical characteristics	Nominal rated AC Input Voltage: 100-240Vac - 50/60 Hz AC input voltage range: Min 90Vac / Max 254Vac RPF DC output voltage: 58 VDC nominal AC/DC efficiency: $\geq 80\%$ (from 25% to 100% load) Starting time at the AC restoration: max 15s nominal 5s Holding time at full power after AC outage: > 17ms Protection against over current by fuse Protected against overvoltage by Voltage Dependent Resistor, AC mains & gas discharge tube (line)
Protocol /Standards	ETSI TS 101 548 Reverse Power Feed Architecture without POTS BBF TR-301 Architecture and Requirements for Fiber to the Distribution Point ITU-T K.21 basic level
Data bandwidth	2-212 MHz Compatible with Vdsl, G.fast and G.hn access systems
Interfaces	LINE: RJ11 (from G.fast or G.hn modem/NTE) LINE+POWER: RJ11 AC socket (IEC60320 C8 type) AC power LED, reverse power status LED, overload LED
Temperature	Operating: 0...+45°C (32°F to 113°F) Storage: -20...+70°C (-4°F to 158°F) Relative humidity 10 to 90% non-condensing
Regulations	CE EMC (2014/30/EU directive) IEC 60950-1 (CE marking) ROHS (2011/65/EU directive)
Options	Coax LINE+POWER / Coax LINE plug-in module (F type) Coax LINE+POWER / RJ11 LINE plug-in module (F type)

LEA Part Number	Description
PSETTOLAC-EULE02	15W Cl.II RPF PSE Desktop + 1.5m AC power cord IEC60320 C5-CEE7/7

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