

RFL 9512 Line Tuning Unit

By RFL Electronics
Catalog # [RFL-9512-LTU](#)



The RFL 9512 Line Tuner matches the impedance of the Power Line Carrier (PLC) terminal to the high voltage power line in order to reduce the insertion loss of the transmission of PLC signals over the power line. In addition, isolation from the power frequency voltage and transient overvoltage protection is provided.

Features

- The RFL 9512 line tuner can be used with PLC communications systems connected to coupling capacitors having a capacitance between 2,000 to 10,000pF
- Conforms to the requirements of IEC 60481
- Peak envelope power (PEP) rating is 400 Watts
- Available in either High Pass or Band Pass filter configurations
- The RFL 9512 is used for phase-to-ground coupling.Phase-to-phase versions are also available
- All weather enclosure with stainless steel hardware.

General

Catalog Number	RFL-9512-LTU
Humidity	not greater than 100%
Ingress Protection	IP66 according to IEC 60529 (UNE 20324, EN 60529)

Operating Temperature Celcius	+60 °C
Max	
Operating Temperature Celcius	-20 °C
Min	

Dimensions

Depth	7.87 in
Dimension - Height inch	15.75 in
Dimension - Width inch	11.81 in
Weight	25 lb

Electrical Ratings

Frequency Rating	40 – 500 kHz
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Product Assets

[Brochures - RFL 9512 Line Tuning Unit](#)
[Specifications - RFL9512LTU](#)