



Blue Tops RF Modules > Amplifiers > Through-line Power Detector TLPD

Features:

- 7.5 volt/volt rms
- Linear, True RMS Response
- Optional Alarm Window Comparator

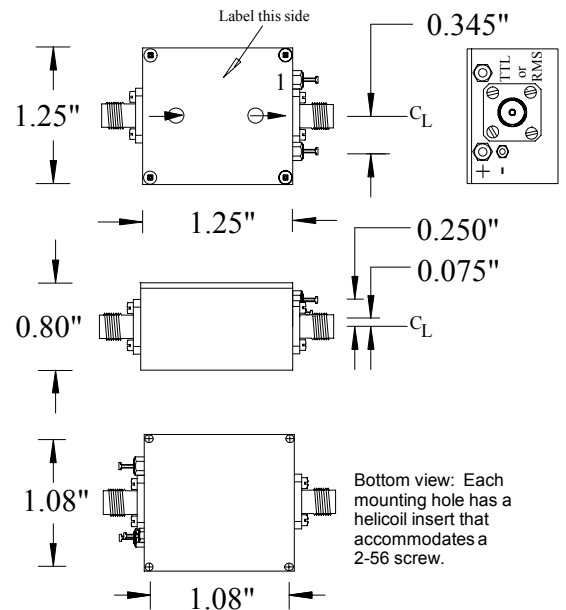
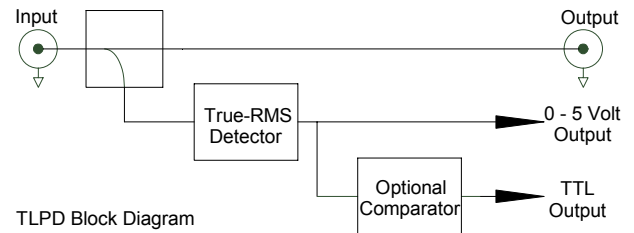
Applications:

- In Line Power Detection
- System Integration

The TLPD is a broadband through-line power detector suitable for monitoring the input or output of Blue Tops modules or other RF sources from 5 MHz to 2GHz in two level ranges, -5 to 20 dBm or 5 to 30 dBm. The module features a directional coupler, an accurate true RMS power detector, and an optional window comparator for implementing a TTL compatible alarm function.



Typical Specifications:	
Frequency Range	5 MHz to 2 GHz
Input Power Level	
Fixed Between	-5 to +20 dBm
Monitor Window	
Tolerance relative to the input power	Up to +/- 10 dB
Insertion Loss	1 dB, typical @ 500 MHz
Input/Output VSWR	<2:1
Supply Voltage	+7.5 to +20 VDC
Current, Max	<20 mA
Dimensions	1.25 x 1.25 x 0.8"
Connectors	
Power	Feed-thru Capacitor
Ground	Turret Terminal
RF Input / Output	Female SMA
CUSTOM OPTIONS	
<i>Please specify when ordering</i>	
<i>Optional Output Signal Level</i>	
<i>Your Custom Requirements</i>	



Note: The Monitor Window will be set to a fixed tolerance of up to +/- 10 dB, which is relative to the input power.

**Example: Input Power +13 dBm
Monitor Window +/- 3 dB**

If the TLPD is setup with a TTL output, the device will trigger low if the input level is +10 dBm or +16 dBm

Ordering Information:

