

## Cable Loss Correction Amplifier

**Model Number:  
PE2-1018-R518-15-SFF**



This amplifier was designed to solve cable loss problems. It features a positive gain slope over the operating frequency range. This particular unit provides 10dB gain at 500 MHz sloping up to 18dB gain at 18 GHz. Other frequency and gain ranges are available to satisfy your requirements.

Please Visit us at  
[www.planarelectronicstechnology.com](http://www.planarelectronicstechnology.com)

### Model Number Construction

Example: PE2-1018-R518-15-SFF

PE	- Housing Style
1018	- 10dB to 18dB Gain Correction
R518	- 0.5 to 18 GHz Frequency Range
15	- Operating DC Voltage
SFF	- Female SMA Connectors In/Out

### **Features:**

- 500 MHz to 18 GHz
- 10dB to 18dB Gain Correction (Other Gains Avail.)
- $P_{1dB}$ : +12 dBm (> +20 dBm Available)
- Input/Output Return Loss: 2.0:1 max.
- Internally Regulated
- Reverse Voltage Protection
- 240mA @ +15 VDC
- Custom Packages Available

**Actual test data on the following page.....**

