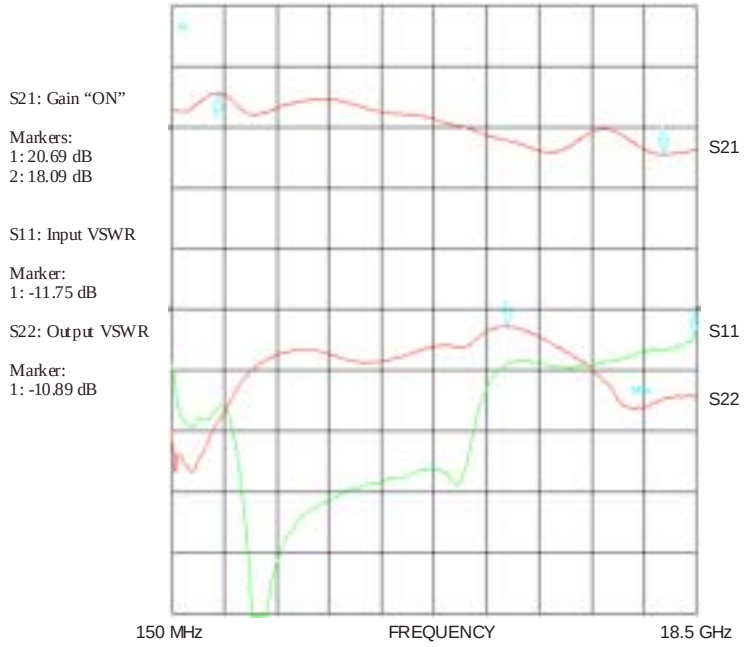
New Product Information

New TTL Controlled Switchable Amplifier

The model PEC-18-0R1518R5-16-15-SFF-TTLVG amplifier contains a TTL controlled attenuation feature. The amplifier operates from 150 MHz to 18.5 GHz. In the “On” state, the amplifier provides a nominal gain of 18dB with a flatness of +/- 1.5dB max. The output P1dB is +17dBm and the noise figure is < 5.0dB over 80% of the bandwidth and 6.8dB max. The input/output VSWR is better than 2.0:1. In the “Off” condition, the amplifiers gain is attenuated by 20dB. The unit operates at 380mA@+12VDC and 60mA@-12VDC. Other gain/attenuation values and packages are available.

Specifications:
150 MHz to 18.5 GHz
18dB Nominal Gain (others available) “ON” State
+/- 1.5dB Max. Gain Flatness
5.0dB NF over 80% of the BW, 6.8dB Max.
P1dB +17dBm Min.
VSWR 2.0:1 Max.
380mA@+12VDC ; 60mA@-12VDC

Typical Plot of PEC-18-0R1518R5-12-SFF



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