Industry’s Leading Broadband, Variable Gain Amplifiers

Offering a complete line of Variable Gain Amplifiers Featuring RS-232 and Ethernet control with frequency coverage up to 40GHz

PMI Model number PTB-40-OR18-6R5-21120VAC-1U-SFF is an integrated microwave assembly that provides high gain and operates from 100MHz to 18.0GHz. This unit features integrated digitally controlled attenuators with ranges up to 60dB. The attenuation can be controlled via the external optical encoded knob or via RS-232 and Ethernet. The amount of selected attenuation is displayed on the front panel LCD screen.

Frequency Range: 100MHz to 18.0GHz
Gain: 40dB Minimum
Gain Flatness: +/-3.5dB
Noise Figure: 4.5dB Typical
OP1dB: +20dBm Minimum
Attenuation Range: 60dB (1dB Steps)
AC Power: 120VAC / 60Hz
Control: RS-232 or Ethernet

Standard Features:
6 foot power cord supplied
On / Off Power Switch with LED indicator
Attenuation level displayed on the LCD display
Attenuation via optical encoded knob or via RS-232 and Ethernet
Real-Time attenuation control

Available Options:
Ultra-Fine 0.25dB/Step Attenuation Resolution
Internal High Speed Modulator
Other Gain Levels from 0db to 80dB
Frequency Ranges from 10MHz to 40GHz
Higher Output power levels up to +30dBm
220VAC (European Compatible) Voltage Supplies

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