

TDA40RM-1000 Rack Mount Broadband Amplifier



The Toner TDA40RM-1000 is a 1 GHz Rackmount Broadband Amplifier. By Using GaAs silicone hybrid, the amp provides 40 dB of gain with low distortion characteristics at a high-level RF output.

The TDA40-1000R Amplifier allows users to provide 1 GHz amplification of their TV signals anywhere a reliable high-performance amplifier is needed. The amplifier is in a 1 RU aluminum 19" wide rack mount chassis for light weight and heat dissipation. It features 20dB down test points on the front panel for both input and output. It also features both 20 dB range, gain and slope control on the front panel along with a power indicator LED. Power is by a 110-240 VAC UL listed transformer.

SPECIFICATIONS

Operation Frequency Range	54~1000 MHz
Output Level Maximum	60 dBmV
Gain	40 dB
Gain Control	0~20 dB Continuously Adjustable
Tilt Control	0~20 dB Continuously Adjustable
Gain Flatness	±1.5 dB
Input Return Loss	≥10 dB
Output Return Loss	≥10 dB
Noise Figure	6.0 dB
Distortions (dB)	-65 CSO; -65 CTB; 75 Xmod
Input & Output Impedance	75 Ω
Input & Output Test Port	-20 dB
Connector Type	F-Type for all RF Ports (Input/Output/Test Ports)
Power Supply	100~240VAC 50/60Hz (8 Watts)
Power	12Vdc 2A
Operating Temperature	14~122°F (-10~+50°C)
AC Fuse(Internal)	0.63 Amp
Dimensions	19 x 1 3/4 x 2 3/4" (482 x 44.5 x 70 mm)
Weight	2 lbs (0.8 kg)