

Bench Top E Band Power Amplifiers



Model AHP-74052030-01 and Model AHP-84052030-01 are Class A power amplifiers using MMIC PHEMT technology offering outstanding performance from 71 to 76 GHz and 81 to 86 GHz, known as “E Band”, respectively. Both amplifiers feature 30 dB small signal gain, 20 dBm P-1 dB and 22 dBm Psat output power nominally. The amplifiers are packaged in two separate enclosures, which measures 4.20” x 2.68” x 6.15” (107 x 60 x 156 mm³). The RF connectors are WR-12 Waveguide with UG387/U flange. The amplifiers feature single DC power supply and normal operation is +8 V to +12 V @ 3.5 A for each model. The amplifiers are idea power boosters for test laboratory.

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