



CA30/550

550MHz Push-Pull Distribution Amplifier

TRU SPEC™
A PICO MACOM REGISTERED TRADEMARK



- **Broadband 54-550MHz frequency range (Channels CATV 2-78, 95-99)**
- **Available in either 30dB or 45dB gain configurations for optimal carrier-to-noise ratio and superior picture quality**
- **± 0.5dB flatness across band provides low distortion and excellent frequency response**
- **Employs state-of-the art hybrid push-pull technology for distortion-free audio-video quality**
- **Adjustable slope and gain controls for easy system balancing**
- **Easy-access controls and low-loss (-20dB) test point enable simplified setup and performance monitoring**
- **Shielded enclosure provides over 95dB RFI shielding performance reducing leakage and ingress**
- **Built-in lightning and line voltage surge protection protects the unit from damage**
- **Black anodized extruded aluminum heat-sink maximizes heat dissipation for improved reliability and corrosion resistance**
- **Also available in a rack mount version as CA30RK-550 (30dB) and CA45RK-550 (45dB) Headend Amplifiers**



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The Pico Macom CA30/550 is a high quality push-pull wall-mounted distribution amplifier producing signals with extremely low-noise and harmonic distortion. This amplifier is capable of 82 channel operation over the 54-550MHz range, and makes an excellent distribution system amplifier in MDU, CATV, and SMATV systems. Because of its extremely low-noise figure and low distortion, the CA30/550 is ideally suited for use in larger networks where amplifier cascading is required. In expanding bi-directional broadband systems, Pico Macom's PIDA series bi-directional amplifiers should be used.