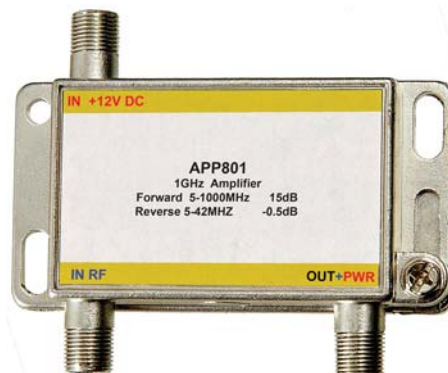


Amplifier

APP801 Two-Direction Low Noise Wide Band Amplifier (5~1000MHz)

FEATURES

- Zinc die cast housing, nickel plated.
- All ports are F-(f) connectors, 75 ohm.
- 1 GHz Bandwidth with Passive Return
- High Reverse Input Capability
- Direct or Drop Line Powering Capability
- 130 dB RFI Shielding
- Uses GaAs HBT IC Amplifier
- Fully compatible with all digital signal formats forward and reverse.
- Weather resistant housing.
- Operating Temperature -40~+60°C
- Output Short-circuit protection



Two-Direction Low Noise Wide Band Amplifier

APP801

SPECIFICATIONS

Item	APP801
Forward Passband	54-1000(MHz)
Forward Gain	15dB
Return Passband	5~42(MHz)
Return Path Insertion Loss	0.5dB
Flturn Loss	1dB
Return loss	-16(dB)
Port-port Isolation	20dB
CSO	-62dBc(max)
CTB	-74dBc(max)
Cross-Modulation	-75dBc(max)
Noise Figure	3(dB)
Hum Modulation	-70dBc
RFI Isolation	100dB(min)
PWR to RFIN Isolation	100dB(min)
Surge Protection	6kv(all port)
Recommended Watt Adapter	15 VDC 270-300ma PTC
Power Adapter (included)	110VAC to 12VDC