

1 GHz Digital House Amplifiers

These new PDI ultra low noise drop amplifiers each offer a passive return path for today's new multimedia CATV systems. The passive return path allows signals from the customer's digital interfaces to travel from his home back to the CATV headend for processing. The sealed, weatherproof, high isolation, coated case guarantees clean signals from the home in the reverse path. These units are 6KV rated and are powered through the DC port or an RF output port using a power inserter (optional).

FEATURES:

- 2.4dB Ultra Low Noise Input
- 6KV Rated
- High RFI Shielding
- Sealed, Weatherproof, High Isolation, Coated Housing
- Gland Sealed "F" Connectors
- Passive Return Path (Active 10db Gain Optional)
- Available With 1, 2 or 4 Outputs
- Custom Options Available Upon Request

SPECIFICATIONS:

Bandwidth-Forward:	54-1000MHz
Bandwidth-Reverse:	5-42 MHz
Gain – Forward:	1 output 10dB 1 output 15dB 2 output 11dB 4 output 7dB
Loss – Reverse:	1 output -0.5dB 2 output -4.0dB 4 output -7.5dB
Passband Flatness:	±1dB
Return Loss:	16dB min.
Noise Figure:	2.4dB
RFI Shielding:	>-125dB
Port to Port Isolation:	>25dB
Channel Capacity:	158
X-Mod:	-68dBc
CTB:	-73dBc
CSO:	-60dBc
Max. Output:	25dBmV
Power:	12VDC (110V AC/12V DC Adapter Included)

120500



PDI-110R-6KV



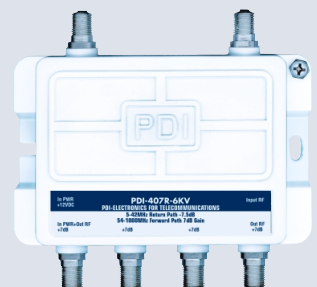
PDI-110AR-6KV



PDI-115R-6KV



PDI-211R-6KV



PDI-407R-6KV