

## Cable TV Drop Amplifiers

These amplifiers can be used in HDTV, CATV and Digital RF distribution applications, allows multiple devices to connect to an antenna or cable system. The amplifier has 6KV ring wave surge design for protection against voltage spikes, and it conforms to IEEE C62.41, Category A3 Waveform.

### Features

- High return loss: 20dB
- Low noise figure: 3dB
- Surge protection IEEE 6kV on all ports
- Die-cast housing for corrosion resistant
- Direct or Line powering capability
- AC/DC power supply included
- LED power indicator
- Low distortions performance



FORWARD PATH	CDA1	CDA4	CDA8
Frequency Range(MHz)	54-1000	54-1000	54-1000
Gain(dB)	15	7.5	3
Maximum Output(dBmV)	25	18	13
Flatness(dB)	±1	±1	±1
Noise Figure(dB)	3	4	4
Input Return Loss(dB)	18	18	18
Output Return Loss(dB)	18	18	18
Composite Triple Beat(CTB)	-73	-73	-73
Composite Second Order(CSO)	-62	-62	-62
Cross Modulation	-75	-75	-75
RETURN PATH			
Frequency Range(MHz)	5-42	5-42	5-42
Gain(dB)	-	-	-
Flatness(dB)	±0.5	±0.5	±0.5
Insertion Loss(dB)	-1.5	-7.5	-11
Return Loss(dB)	20	20	20
GENERAL			
Power Requirements	12 V/DC	12 V/DC	12 V/DC
RFI Shielding(dB)	110	110	110
Dimensions(mm)	115 x 90x 27	115 x 90x 27	115 x 110x 36

Note: subject to technical changes.