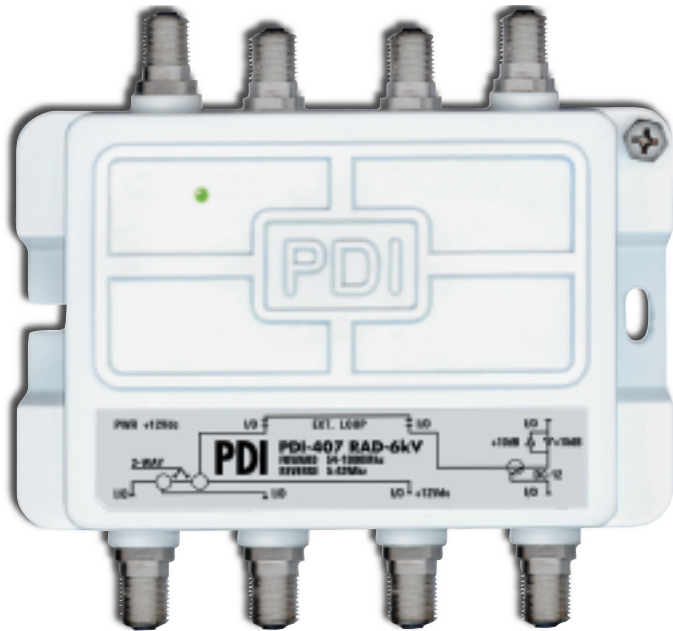


PDI-407 RAD/RPD-6kV

1 GHz INTERNET READY "FLEX-AMP"

PORT #

4 3 2 1



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The PDI-407 RAD/RPD-6kV is a unique 1GHz drop amplifier offering a high degree of flexibility with active or passive return capabilities. The unit allows the system operator to achieve optimum levels for both modem and multiple television set operation. Special features included a directional coupler input for modem use and a convenient gain loop for mounting high pass filters, pads or other devices directly on the amplifier.

PDI's new UL listed current limiting, 12V dc adapter is included with each unit.

Optional ordering information:

Model: PDI-PS-1 Remote Power Inserter

SPECIFICATIONS :

	Ports	Forward	407 RAD Reverse (A)	407 RPD Reverse (P)
Bandwidth:		54-1000MHz	5-42MHz	5-42MHz
Gain w/ Ext. Loop Installed:	1 & 8 1 & 2	+2dB +14dB	-3dB +9dB	-12.5dB -1dB
Passive Section:	1 & 5 1 & 6 1 & 7	+6dB +6dB +10dB	+2dB +2dB +5.5dB	-8dB -8dB -4.5dB
Flatness:		±1dB	±0.75dB	±0.5dB
Return Loss:		>-18dB	>-25dB	>-25dB
Noise Figure:		≤3.0dB	≤3.0dB	-NA-
Isolation:	8 & 5 (5-15MHz) 8 & 5 (15-42MHz) 8 & 5 (42-860MHz) 8 & 5 (860 -1GHz)	-36dB -40dB	>-36dB >-35dB	>-36dB >-35dB
Channel Capacity:	(NTSC)	77 ch. + 33 digital	6 ch.	6 ch.
X-Mod:		>-70dBc	>-70dBc	-NA-
CTB:		>-80dBc	>-60dBc	-NA-
CSO:		>-60dBc	>-55dBc	-NA-
Hum:		<-80dBc	<-80dBc	-NA-
Ref. Output:		25dBmV @ 750MHz w/ 8dB Tilt, digital 6dB down	25dBmV flat	-NA-
Power:		12VDC (110V ac/12V dc adapter included) UL # 31LF		
Operating Temp:		-40° F to +140° F		



110702 specifications subject to change without notice