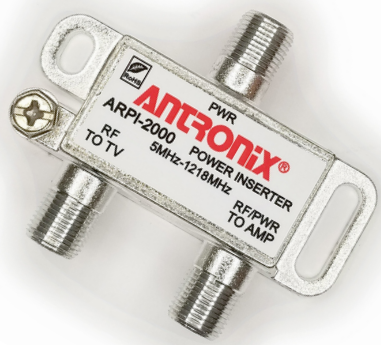
Features and Benefits

ANTRONIX®

ARPI-2000
Drop Power Inserter

Antronix's high performance advanced residential power inserter, the ARPI-2000, is designed with today's two-way networks in mind. Low insertion loss and a high AC/RF isolation ensure signal integrity, while 6 kV ring wave surge withstand (IEEE C62.41 Cat. A3) will enable the device to keep performing year after year. The drop power inserter can handle a continuous maximum current of 1.0 Amp.



Specifications

Electrical			
Insertion Loss			
Specification	**Frequency** (MHz)	**Worst Case**	**Typical**
Maximum (dB)	5-10	0.30	0.20
	10-50	0.30	0.15
	50-450	0.30	0.15
	450-750	0.30	0.20
	750-1002	0.30	0.20
	1002-1218	0.40	0.30
Isolation			
Minimum (dB)	5-10	60	80
	10-750	80	100
	750-1218	60	80
Return Loss			
Minimum (dB)	5-10	18	22
	10-50	20	25
	50-450	20	25
	450-750	20	25
	750-1002	20	25
	1002-1218	18	22
RFI			
Minimum (dB)	5-1218	120	
Surge Protection			
	6 kV Ring Wave Surge per IEEE C62.41 Cat. A3		
Current Handling			
Maximum (mA)	1.0 A at 30 Vdc		

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