

# Features and Benefits

**ANTRONIX®**

## ARPI-2000B Drop Power Inserter

Antronix's high performance advanced residential power inserter, the ARPI-2000B, 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 combination wave surge withstand (IEEE C62.41 Cat. B3) will enable the device to keep performing year after year. The drop power inserter can handle a continuous maximum current of 2.0 Amperes.

## Specifications

Electrical			
Insertion Loss			
Specification	Frequency (MHz)	Worst Case	Typical
Maximum (dB)	5-10	0.60	0.40
	10-50	0.60	0.40
	50-450	0.60	0.40
	450-750	0.60	0.40
	750-1002	0.80	0.60
Isolation			
Minimum (dB)	5-10	60	80
	10-1002	80	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
RFI			
Minimum (dB)	5-1002	120	
Surge Protection			
6 kV Combination Wave Surge, IEEE C62.41 Cat.B3			
Current Handling			
Maximum (A)	2.0 Amps at 35 Vdc		

