

Drop Power Inserter

ARPI-2000



Overview

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 500 mA.

Electrical Specifications

Specification	Freq (MHz)	Worst Case	Typical
Insertion Loss			
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 – 1000	0.30	0.20
Isolation			
Minimum (dB)	5 – 10	60	80
	10 – 1000	80	100
Return Loss			
Minimum (dB)	5 – 10	18	22
	10 – 50	20	25
	50 – 450	20	25
	450 – 750	20	25
	750 – 1000	20	25
RFI			
Minimum (dB)	5 – 1000		120
Surge Protection			
			6 kV Ring Wave Surge, IEEE C62.41 Cat. A3
Current Handling			
Maximum (mA)			500

Specifications subject to change without notice