

# DATA LINE SERIES

## RF Line Antenna Protection

12-00857

rev0

### Features

- Low insertion loss
- Compact design

The surge protector provides an effective means of protecting equipment from surge voltage damage. The device is designed to protect the Coax connected equipment such as a satellite LNA or LNB from sudden surges or lightning strikes.

This offers additional protection to already grounded equipment and additional earthing is provided.



\*Specifications subject to change without prior notice due to continuous improvements

Specifications	
Antenna/Satellite Surge Protection	
Nom. Impulse Discharge Current	5KA (@8/20uS)
Residual voltage (I <sub>smax</sub> )	<100V L-L
DC Power Pass	28V, 1A
Response time	<100ns
Frequency Range	5 - 2400MHz
Impedance	75Ω
F Connector Type	Male to Female (3/8inch)
Insertion Loss (5-1000MHz)	0.2dB (typ) / 0.5 dB (max)
Insertion Loss (1001-2000MHz)	0.3dB (typ) / 0.7 dB (max)
Insertion Loss (2001-2500MHz)	0.5dB (typ) / 1.0 dB (max)
Return Loss (5-1000MHz)	18dB (typ) / 16dB (min)
Return Loss (1001-2000MHz)	16dB (typ) / 14dB (min)
Return Loss (2001-2500MHz)	14dB (typ) / 12dB (min)
Dimensions	13 (Φ)×42(L)mm
Weight	18g

### Dimension

