

## MODEL:- TLP-N/FF and TLP-F/MF

Coaxial Cable Bulkhead and F type



### GENERAL DESCRIPTION

The TLP-N/FF & TLP-F/MF lightning and transient arrester provides protection for coaxial lines for radio transmitters, receivers or HF party line bus. They provide very effective protection by limiting the transient over-voltage between the inner conductor of the coaxial cable and the screen

The TLP-N/FF & TLP-F/MF utilizes fast response gas filled arrestors to provide low let thru voltages for fast transient rise times. The use of low capacitance gas filled arrestors ensures reliable operation at high frequencies with low insertion losses required.

### TECHNICAL DATA

<b>Voltage rating</b>	
Normal working volt	70Volts
Nominal Current	5 Amps or less
Clamping Volts	90Volts line to screen
Impulse Clamping	< 600Volts (1kV/us)
Surge withstand	20kA (8/20usec)
Energy Level	400 joules

<b>RF Characteristics</b>	
RF Power	50 Watts
Insertion Loss	< 0.2dB at 2GHz
VSWR	1.07 : 1 @ 1GHz 1.10 : 1 @ 2GHz

### GENERAL SPECIFICATION

Capacitance	< 1.5pF
Insulation resistance	> 10 Megohm
Operating Temp	-10 to 80 Deg C
Storage Temp	-55 to 80 Deg C
Mounting Style	Bulkhead/Type N Female to Female
Dimensions	67mm X 25mm X25mm
Weight	80 grams

### FEATURES

- ◆ Low "let thru" voltage
- ◆ Protection between line and screen
- ◆ Bulkhead mounting with additional fixed "bolt-thru" earth tag
- ◆ Field proven technology
- ◆ Low line losses
- ◆ Designed and manufactured to ISO 9001
- ◆ C-Tick/ CE Compliant
- ◆ IEC 1000-4-2 & EN50082
- ◆ AS 1768-2003
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