DATA SHEET – Comms Protection – Surge Protectors

Subject to change without notice

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

Coaxial Cable Bulkhead and F type



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

GENERAL DESCRIPTION

The TLP-N/FF & TLP-F/MF lightning and transient arrestor 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

Voltage rating

Normal working volt
Nominal Current
Clamping Volts
Surge withstand
Energy Level

70Volts
90Volts
90Volts line to screen
90Volts (1kV/us)
20kA (8/20usec)
400 joules

RF Characteristics

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

GENERAL SPECIFICATION

 Capacitance
 < 1.5pF</td>

 Insulation resistance
 > 10 Megohm

 Operating Temp
 -10 to 80 Deg C

 Storage Temp
 -55 to 80 Deg C

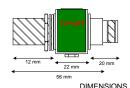
 Mounting Style
 Bulkhead/Type N

 Female to Female

 Dimensions
 67mm X 25mm X25mm

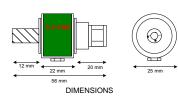
Weight 80 grams

TLP-N/FF Bulkhead

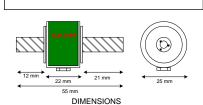




TLP-F/MF Type F



TLP-F/FF Type F



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