

RF COAXIAL SURGE PROTECTOR



- Upto 3.5 GHz
- Connectors: N Female to N Female Bulkhead
- DC-Pass
- Removable GDT
- Bi-directional protection

ELECTRICAL SPECIFICATIONS

Frequency range	DC-1 - 3.5 GHz
Insertion loss	< 0.2 dB
Return loss	> 20 dB
VSWR	<1.2:1
Impedance	50 ohms
Max. load current	10 A
Residual Current(Leakage current to Ground)	None
Operating current(Continuous current at U_c)	None
Max. discharge current(max. withstand @ 8/20 μ s by pole)	20 kA
Protection mode(s)	Common mode
Protection level (@ In (8/20 μ s))	< 700 V
Impulse current(2 x 10/350 μ s Test - D1 Category)	1 kA
Nominal discharge current(8/20 μ s Test x 10 - C2 Category)	5 kA
Max Radio output Power	25 W
Typical let through energy((50 ohms) input 4kV 1.2/50 μ s -2kA 8/20 μ s)	300 μ J
DC Pass	true
Insulation resistance	≥ 10 GOhms

MECHANICAL SPECIFICATIONS

Technology	Gas discharge tube
Connection to Network	connector N Female/Female
Mounting	Feedthrough
Housing material	Brass/Surface plating : Cu Zn Sn
Operating temperature	-40/+85°C
Protection rating	IP66
Outdoor application	Yes
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt
Contacts	Bronze/Surface Au-Ag
Weight	0.135 kg

COMPLIANCE SPECIFICATIONS

Standards compliance	IEC 61643-21 / EN 61643-21 / UL497C / UL497E
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