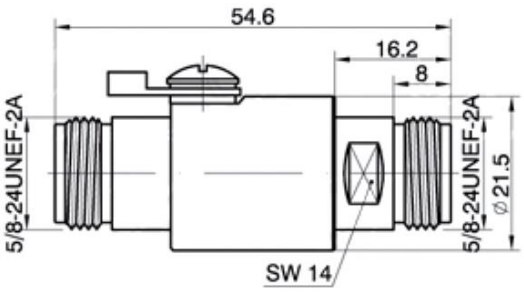
GAS Discharge Tube Lightning Protector

Model: GDT-NFF-3.5 DC – 3.5GHz





GDT surge protectors look like in-line coaxial adapters using interfaces like N or 7/16, and that contain a field replaceable gas capsule placed between their inner and outer conductors. Unlike single band quarter wave protectors, gas tube surge arresters can be used for broadband applications. Their operating frequency band is DC to 3.5GHz.

MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Brass Silver Plate
HOUSING	Brass Nickel Plated
INSULATOR	PTFE Virgin Electrical Grade
DIMENSIONS	57 x 20 x 22mm
OPERATING TEMP.	-20° C to +50° C
WEIGHT g	30g

RoHS compliant: Yes

ELECTRICAL SPECIFICATIONS

Items	Specifications		
Frequency range: (MHz)	DC-3500		
Rated DC Voltage	90V±20%	145V±20%	230V±20%
Insertion Loss dB@2.5GHz	0.1	0.1	0.1
Insertion Loss dB@3.5GHz	<0.15	<0.15	<0.15
VSWR:	<1.1		
Connector:	N type Female / Female		

Nominal impedance: 50Ω

Notes:

1) Dimensions Tolerance ±5%
2) Dimension and specifications refer to connector type N unless otherwise specified
3) Customer designs available for other special attenuators value and accuracy

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Return Loss Test Results

