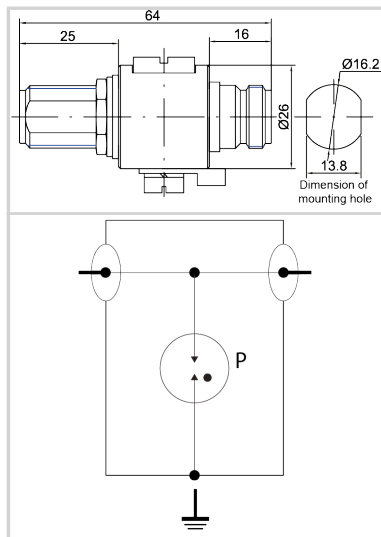




CITEL



- RF coaxial surge protector
- 3.5 GHz
- Connectors: N
- Low insertion loss
- Removable GDT
- DC-pass
- Bi-directional protection



Electrical Characteristics

Max. DC operating voltage	Uc	480 Vdc
Frequency range	f	DC-3.5 GHz
Insertion loss		< 0.2 dB
Return loss		> 20 dB
Impedance		50 ohms
VSWR		<1.2:1
Max. load current @25°C	IL	10 A
Residual Current Leakage current to Ground	Ipe	None
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	20 kA
Nominal discharge current C2 Category	I _n	5 kA
Protection mode(s)		Common mode
Protection level @1kV/µs (C3)	Up	< 1200 V
Impulse current 2 x 10/350µs Test - D1 Category	I _{imp}	1 kA
Max RF Power		687 W
Typical let through energy (50 ohms) input 4kV 1.2/50µs - 2kA 8/20µs		1100 µJ
DC Pass		Yes
Insulation resistance	IR	≥10 GOhms

Mechanical Characteristics

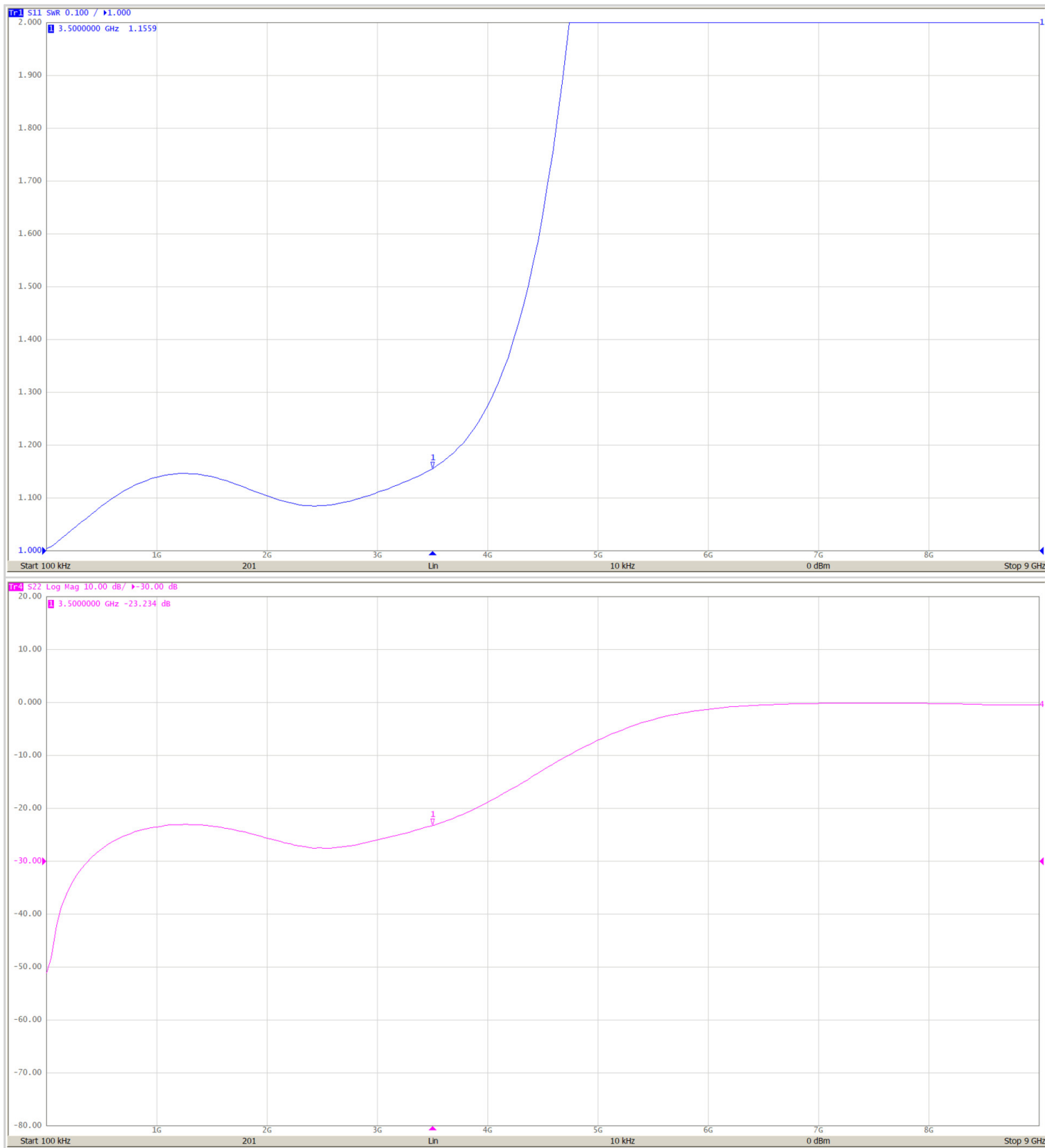
Technology	Gas discharge tube
Connection to Network	Connector N Female/Female
Mounting	Bulkhead or Bracket
Housing material	Brass/Surface plating: Cu Zn Sn
Operating temperature	Tu -40/+85°C
Relative Humidity	5 - 85%
Protection rating	IP65
Failsafe mode	Short-circuit
Disconnection indicator	Transmission interrupt
Spare module(s)	BBHF-600V
Dimensions	See diagram
Contacts	Bronze/Surface Au-Ag

Standards

Standards compliance	IEC 61643-21 / EN 61643-21 / UL497E
Environmental standards	EU RoHS
RohS compliance	Yes

Part number

60016





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P8AX60-N/FF

