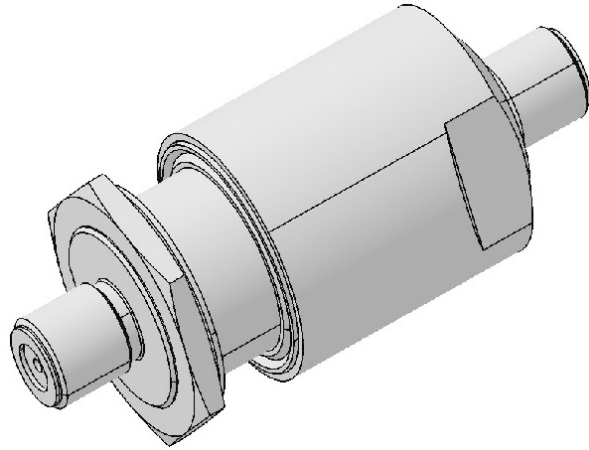


COAXIAL SURGE PROTECTOR DEVICE, Slim Line GDT technology

3406.99.0004

Properties

- Slim in-line design
- Broadband operation from DC up to 3 GHz
- DC continuity for remote powering
- Permanently installed gas discharge tube
- RF power up to 60W max.



Product configuration	
Main path connectors	Port 1: unprotected, F jack (female) Port 2: protected, F jack (female)
Mounting and grounding	MH25 (bulkhead mounting)

Material data	
Housing material / plating	Brass / SUCOPLATE (R) Plating
Center contact, material / plating	Port 1: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)
	Port 2: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)

Electrical data	
Impedance	75 Ω
Frequency frame	0 MHz to 2500 MHz
Return loss typical	11 dB
Insertion loss typical	0.35 dB
CW power frame	60 W

Electrical bands		
	Range 1	Range 2
Frequency range	0 MHz ... 1900 MHz	1900 MHz ... 2100 MHz
Return loss	18 dB	15 dB
Insertion loss	0.2 dB	0.2 dB
Power avg. / peak	60 W / -	60 W / -

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Electrical remarks

Surge current handling capability	10 single / 5 multiple kA (test pulse 8/20 µs)
Residual pulse energy	250 µJ typically (test pulse 4 kV 1.2/50 µs / 2 kA 8/20 µs) main path - protected side
Gas tube	Yes DC, GDT included, not replaceable

Environmental data

Operation temperature	-40 °C ... 85°C
Storage temperature	-40 °C ... 85°C
Ingress protection (IP Rating)	IP65

Ordering Information Table

Item number	Item description
23024367	3406.99.0004

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