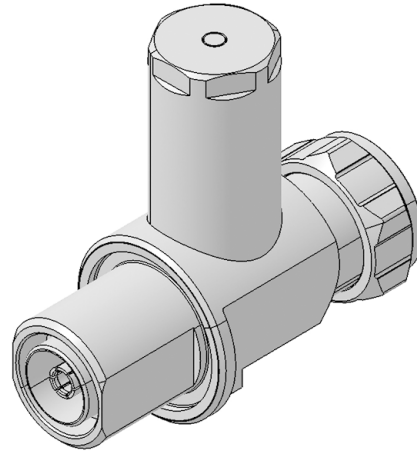


COAXIAL SURGE PROTECTOR DEVICE, Quarter-wave stub technology

3400.41.0267

Properties

- Maintenance-free products
- Highest current handling capability up to 100 kA max.
- Best PIM performance
- Available in several frequency ranges from 380MHz up until 18GHz
- Insertion loss not exceeding 0.2 dB max.



Product configuration

Main path connectors	Port 1: unprotected, 7/16 plug (male) Port 2: protected, 7/16 jack (female)
Mounting and grounding	MH110 (bulkhead mounting), M8 (screw), brk (bracket)
Side of bulkhead	protected side
EMP can be install reversed	YES

Interface and material data

Housing material / plating	Brass / SUCOPLATE (R) Plating
Center contact, material / plating	Port 1: Brass / Silver Plating Port 2: Bronze / Silver Plating

Electrical data

Impedance	50 Ω
Frequency frame	690 MHz to 2690 MHz
Return loss typical	26 dB
Insertion loss typical	0.1 dB
CW power frame	1500 W
PIM 3rd order	-160 dBc max.
AISG insertion loss	0.1 dB
Residual pulse energy (typ.)	11 μ J (test pulse 4 kV 1.2/50 μ s; 2 kA 8/20 μ s)
Surge current handling capability	100 kA single, 80 kA multiple (test pulse 8/20 μ s)

Electrical remarks

Gas tube	No DC / shorted QW or LC
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Mechanical data	
Weight	476 g
Mating cycles	500
Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	IP67
Thermal shock according	MIL-STD-202, Method 107, Cond. B
Vibration according	MIL-STD-202, Method 204, Cond. A
Moisture resistance according	MIL-STD-202, Method 106

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