

COAXIAL SURGE PROTECTOR DEVICE, Quarter-wave stub technology

3400.17.0247

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, N plug (male) Port 2: protected, N jack (female)
Mounting and grounding	MH50 (bulkhead mounting), M8 (screw)
Side of bulkhead	protected side

Material data

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

Electrical data

Impedance	50 Ω
Frequency frame	2400 MHz to 3600 MHz
Return loss typical	20 dB
Insertion loss typical	0.15 dB
CW power frame	800 W

Electrical remarks

Surge current handling capability	50 multiple kA (test pulse 8/20 μ s)
Residual pulse energy	5 μ J typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s) main path - protected side
Gas tube	No DC / shorted QW or LC

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Mechanical data	
Weight	290 g
Mating cycles	500

Environmental data	
Operation temperature	-46 °C ... 85 °C
Storage temperature	-46 °C ... 85 °C
Ingress protection (IP Rating)	IP67

Ordering Information Table	
Item number	Item description
22659820	3400.17.0247

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