

COAXIAL SURGE PROTECTOR DEVICE, Quarter-wave stub technology

3400.41.0196

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
- Inertion loss not exceeding 0.2 dB max.



Product configuration

Main path connectors	Port 1: unprotected, 7/16 jack (female) Port 2: protected, 7/16 jack (female)
Mounting and grounding	MH74 (bulkhead mounting), M8 (screw), brk (bracket)
Side of bulkhead	protected side

Material data

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

Electrical data

Impedance	50 Ω
Frequency frame	380 MHz to 512 MHz
Return loss typical	20 dB
Insertion loss typical	0.1 dB
CW power frame	3000 W
PIM 3rd order	-150 dBc typ.

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	573 g
Mating cycles	500

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
23026613	3400.41.0196

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