

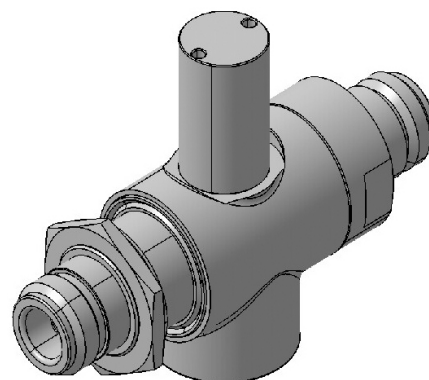
EMP Protector 3400.17.0416

Description

Quarter-wave stub technology

Benefits

The protector can also be installed reversely
Multi-band operation
Compliant to IEC 61643-21



Product Configuration

Main path connectors Port 1: unprotected, N jack (female) - Port 2: protected, N jack (female)
Mounting and grounding MH25 (bulkhead mounting), M8 (screw), brk (bracket)

Technical Data

Electrical Data

Impedance	50 Ω		
Frequency range	1000 - 2900 MHz	1000 - 1100 MHz	2700 - 2900 MHz
Return loss		≥ 20 dB	≥ 20 dB
Insertion loss		≤ 0.1 dB	≤ 0.1 dB
RF CW power		≤ 750 W	≤ 450 W
PIM 3rd order	not specified	not specified	not specified
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		

Mechanical Data

Number of matings	500
Weight	300 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP65 (according to IEC 60529, data refer to the coupled state)
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	SUCOPLATE (R) Plating
Port 1 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Port 2 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

Related Documents

Outline drawing	DOU-00073736.1
Mounting instruction	DOC-0000176104