Data Sheet

EMP Protector 3400.41.0267



Description

Quarter-wave stub technology

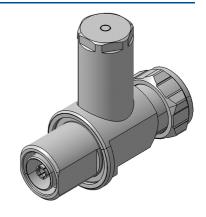
Benefits

Broad-band design

The protector can also be installed reversely

Multi-band operation

Compliant to IEC 61643-21



Product Configuration

Main path connectors Mounting and grounding Port 1: unprotected, 7/16 plug (male) - Port 2: protected, 7/16 jack (female)

MH110 (bulkhead mounting), M8 (screw), brk (bracket)

protected side

Technical Data

Electrical Data

Side of bulkhead

Impedance 50 Ω

Frequency range 690 - 2690 MHz
Return loss ≥ 26 dB

Insertion loss 0.1 dB typ. $\leq 0.1 \text{ dB}$

RF CW power ≤ 1500 W
PIM 3rd order -160 dBc max.

Surge current handling capability $100 \text{ single / } 80 \text{ kA multiple kA (test pulse 8/20 } \mu\text{s)}$

Residual pulse energy $11~\mu J~typically~(test~pulse~4~kV~1.2/50~\mu s~/~2~kA~8/20~\mu s)~main~path~-~protected~side$

Mechanical Data

Number of matings 500 Weight 476 g

Environmental Data

Operating temperature -40 °C to +85 °C

Waterproof degree IP67 (according to IEC 60529, data refer to the coupled state)

2011/65/EU (RoHS) Compliant exempt. 7(b)

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	SUCOPLATE (R) Plating
Port 1 center contact	Brass	Silver Plating
Port 2 center contact	Bronze	Silver Plating

Related Documents

Outline drawing DOU-00205247

Mounting instruction DOC-0000176104

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