

EMP Protector 3400.41.0266

Description

Quarter-wave stub technology

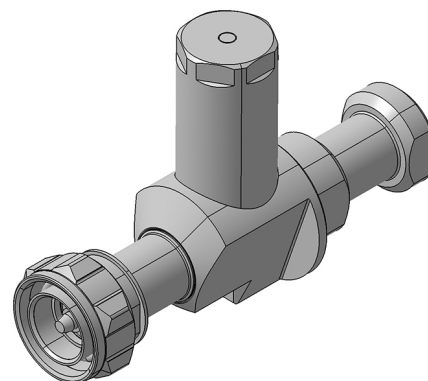
Benefits

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
Side of bulkhead

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

Impedance	50 Ω
Frequency range	690 - 2690 MHz
Return loss	≥ 28 dB
Insertion loss	0.1 dB typ. ≤ 0.1 dB
RF CW power	≤ 1500 W
PIM 3rd order	-160 dBc max.

Surge current handling capability	100 single / 80 kA multiple kA (test pulse 8/20 μ s)
Residual pulse energy	11 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	490 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 - including 2015/863 and 2017/2102)	compliant acc. Annex III

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-00197354
Mounting instruction	DOC-0000176104