Data Sheet

HUBER+SUHNER

EMP Protector 3400.41.0266

Description

Quarter-wave stub technology

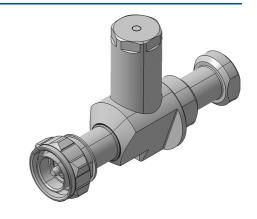
Benefits

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)

100 single / 80 kA multiple kA (test pulse 8/20 µs)

protected side

Technical Data

Electrical Data

Impedance 50 Ω

Frequency range 690 - 2690 MHz Return loss $\geq 28 \text{ dB}$

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

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

Surge current handling capability

Residual pulse energy 11 µJ typically (test pulse 4 kV 1.2/50 µs / 2 kA 8/20 µs) 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 compliant acc. Annex III 2015/863 and 2017/2102)

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

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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