Data Sheet

HUBER+SUHNER

EMP Protector 3400.17.0431

Description

Quarter-wave stub technology

Benefits

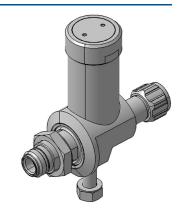
Broad-band design

The protector can also be installed reversely

Multi-band operation

Mounting screw set 9075.99.0023 included

Compliant to IEC 61643-21



Product Configuration

Main path connectors Mounting and grounding Side of bulkhead Port 1: <u>unprotected</u>, N plug (male) - Port 2: <u>protected</u>, N jack (female)

MH170 (bulkhead mounting), M8 (screw), brk (bracket)

protected side

Technical Data

Electrical Data

Impedance 50Ω

690 - 2200 MHz 690 - 960 MHz 1700 - 2200 MHz Frequency range Return loss ≥ 23 dB ≥ 24 dB ≥ 24 dB ≤ 0.15 dB ≤ 0.15 dB ≤ 0.15 dB Insertion loss RF CW power ≤ 500 W ≤ 500 W ≤ 500 W PIM 3rd order -150 dBc max. -150 dBc max. -150 dBc max.

Surge current handling capability

Residual pulse energy

50 multiple kA (test pulse 8/20 μs)

10 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 $\mu s)$ main path - protected side

Mechanical Data

Number of matings 500 Weight 440 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

2017/89/E0 (ROHS - including 2015/863 and 2017/2102)

Material Data

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

Related Documents

Outline drawing DOU-00137845.1 Mounting instruction DOC-0000176104

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

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