Data Sheet

IUBER+SUHNER

EMP Protector 3400.31.0001

Description

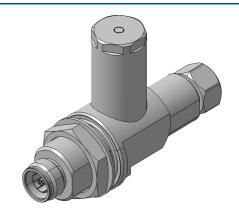
Quarter-wave stub technology

Benefits

Broad-band design The protector can also be installed reversely

Compliant to IEC 61643-21

Multi-band operation



Product Configuration

Main path connectors Mounting and grounding Side of bulkhead

Port 1: unprotected, 4.3-10 plug (male) - Port 2: protected, 4.3-10 jack (female)

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

protected side

Technical Data

Electrical Data

Impedance 50 Ω

690 - 2700 MHz Frequency range Return loss ≥ 24 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 µs)

Residual pulse energy 11 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs) main path - protected side

Environmental Data

Operating temperature -40 °C to +85 °C

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

2011/65/EU (RoHS - including compliant 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-00257645 DOC-0000176104 Mounting instruction

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

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