Data Sheet

HUBER+SUHNER

EMP Protector 3407.41.0052

Description

Quarter-wave stub technology with integrated high-pass filter

Benefits

Broad-band design Space saving inline design Multi-band operation Compliant to IEC 61643-21



Product Configuration

Main path connectors Port 1: <u>unprotected</u>, 7/16 jack (female) - Port 2: <u>protected</u>, 7/16 jack (female)

Mounting and grounding MH110 (bulkhead mounting), M6 (screw), brk (bracket)

Side of bulkhead protected side Design speciality inline design

Technical Data

Electrical Data

Impedance 50 Ω

 Frequency range
 690 - 2700 MHz
 690 - 2500 MHz

 Return loss
 ≥ 23 dB
 ≥ 26 dB

 Insertion loss
 ≤ 0.1 dB
 ≤ 0.1 dB

 RF CW power
 ≤ 500 W
 ≤ 500 W

 PIM 3rd order
 -155 dBc typ.
 -155 dBc typ.

Surge current handling capability 25 single / 20 multiple kA (test pulse 8/20 µs)

Residual pulse energy 0.03 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 621 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-00227975

Mounting instruction DOC-0000176104

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

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