

HUBER+SUHNER® DATA SHEET

EMP Protector: 3400.17.0431

Rev.: H



Description

Quarter-wave stub technology

Benefits

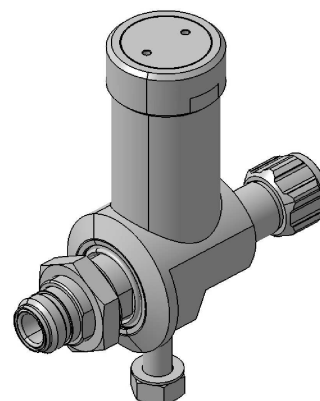
Broad-band operation

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

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

Mounting and grounding

MH170/M8/brk (MH=bulkhead mounting/M=screw/brk=bracket)

Side of bulkhead

protected side

Technical Data

Electrical Data

Impedance	50 Ω		
Frequency range	690 to 2200 MHz	690 to 960 MHz	1700 to 2200 MHz
Return loss	≥ 23 dB	≥ 24 dB	≥ 24 dB
Insertion loss	≤ 0.15 dB	≤ 0.15 dB	≤ 0.15 dB
RF CW power	≤ 500 W	≤ 500 W	≤ 500 W
PIM 3 rd order	-150 dBc max.	-150 dBc max.	-150 dBc max.
Surge current handling capability	50 multiple kA (test pulse 8/20 μ s)		
Residual pulse energy	10 μ J typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s)		

main path - protected side

Mechanical Data

Weight 440 g

Environmental Data

Operating temperature -40 °C to +85 °C

Waterproof degree IP 67 (according to IEC 60529, data refer to the coupled state)

2002/95/EC (RoHS)

compliant

Material Data

Piece Parts

Housing

Material

Brass

Port 1 center contact

Brass

Port 2 center contact

Copper Beryllium Alloy

Surface Plating

SUCOPLATE (R) Plating

Gold Plating (without Nickel underplating)

Gold Plating (without Nickel underplating)

Related Documents

Outline drawing

DOU-00137845.1

Mounting instruction

DOC-0000176104

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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