

HUBER+SUHNER® DATA SHEET

EMP Protector: 3403.17.0060

Rev.: G



Description

Fine protector hybrid technology

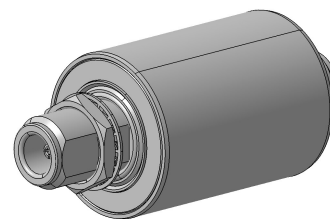
Benefits

Broad-band operation

DC continuity for outdoor powering

Permanently installed gas discharge tube

Compliant to IEC 61643-21



Product Configuration

Main path connectors

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

Mounting and grounding

MH12 (MH=bulkhead mounting)

Side of bulkhead

protected side

Technical Data

Electrical Data

Impedance

50 Ω

Frequency range

800 to 2500 MHz

Return loss

≥ 26.44 dB

Insertion loss

≤ 0.3 dB

RF CW power

≤ 50 W

PIM 3rd order

not specified

DC voltage

≤ 6 V

DC current

≤ 4 A

Surge current handling capability

20 single kA (test pulse 8/20 μ s)

Residual pulse energy

6 μ J typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s) main path - protected side

Mechanical Data

Number of Matings

100

Weight

95 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)

Telecom compliant

Material Data

Piece Parts

Housing

Material

Aluminium

Port 1 center contact

Copper Beryllium Alloy

Port 2 center contact

Copper Beryllium Alloy

Surface Plating

Gold Plating (without Nickel underplating)

Gold Plating (without Nickel underplating)

Related Documents

Outline drawing

DOU-00090632.1

Mounting instruction

DOC-0000176104

Remarks

Recommendation: if this protector is mated with connectors made of copper-alloy base material and trimetal or nickel plating the connector area must be taped to improve long-term durability.

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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