

HUBER+SUHNER® DATA SHEET

EMP Protector: 3406.19.0003

Rev.: H



Description

Slim Line GDT technology

Benefits

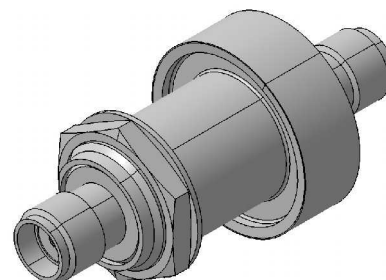
Broad-band operation

DC continuity for outdoor powering

The protector can also be installed reversely

Permanently installed gas discharge tube

Compliant to IEC 61643-21



Product Configuration

Main path connectors

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

Mounting and grounding

MH3 (MH=bulkhead mounting)

Side of bulkhead

Technical Data

Electrical Data

Impedance

50 Ω

Frequency range

0 to 5800 MHz

Return loss

≥ 20 dB

Insertion loss

≤ 0.2 dB

RF CW power

≤ 60 W

PIM 3rd order

not specified

Surge current handling capability

10 single / 5 multiple kA (test pulse 8/20 μ s)

Residual pulse energy

250 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

50 g

Environmental Data

Operating temperature

-40 °C to +85 °C

Waterproof degree

IP 20 (according to IEC 60529, data refer to the coupled state)

2002/95/EC (RoHS)

Telecom compliant

Material Data

Piece Parts

Housing

Material

Brass

Port 1 center contact

Copper Beryllium Alloy

Port 2 center contact

Copper Beryllium Alloy

Surface Plating

Silver / Gold Plating

Gold Plating (without Nickel underplating)

Gold Plating (without Nickel underplating)

Related Documents

Outline drawing

DOU-00004280.1

Mounting instruction

DOC-0000176104

Remarks

Static spark-over voltage: 200V 25%

Waterproof degree for unprotected side in mated condition: IP65 acc. IEC 60529.

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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