Data Sheet

HUBER+SUHNER

EMP Protector 3403.26.0002

Description

Fine protector hybrid technology

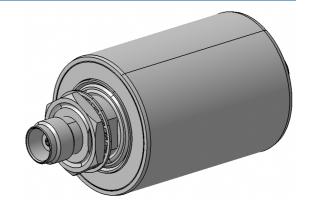
Benefits

Broad-band design

DC continuity for remote powering

Fix installed GDT, static sparkover-voltage nom. 200 V

Compliant to IEC 61643-21



Product Configuration

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

Mounting and grounding MH12 (bulkhead mounting), brk (bracket)

Side of bulkhead protected side

Technical Data

Electrical Data

Impedance 50 Ω

 Frequency range
 800 - 2500 MHz
 1500 - 1700 MHz

 Return loss
 ≥ 23 dB
 ≥ 26.44 dB

 Insertion loss
 ≤ 0.3 dB
 ≤ 0.3 dB

RF CW power ≤ 50 W
PIM 3rd order specified

DC supply voltage \leq 6 V DC current \leq 3 A

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

Residual pulse energy 6 µJ typically (test pulse 4 kV 1.2/50 µs / 2 kA 8/20 µs) main path - protected side

Mechanical Data

Number of matings 100 Weight 90 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

2015/863 and 2017/2102)

Material Data

Piece Parts	Material	Surface Plating
Housing	Aluminium	Chromatized
Port 1 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Port 2 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

Related Documents

Outline drawing DOU-00097698.1 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.

Data Sheet



EMP Protector 3403.26.0002

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

www.hubersuhner.com

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HUBER+SUHNER:

3403.26.0002