## **Data Sheet**

## HUBER+SUHNER

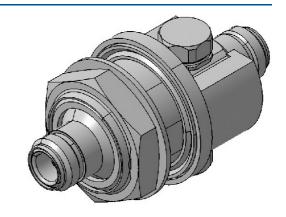
### **EMP Protector** 3401.17.L

#### Description

GDT technology up to 1.0 GHz

#### **Benefits**

DC continuity for remote powering The protector can also be installed reversely Delivered without gas discharge tube Data refer to GDT 9071.99.0547, 230 V Compliant to IEC 61643-21



### **Product Configuration**

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

Mounting and grounding MH74 (bulkhead mounting), brk (bracket) Side of bulkhead

protected side triaxial

#### **Technical Data**

#### **Electrical Data**

Design speciality

50 Ω Impedance Frequency range 0 - 1000 MHz ≥ 20.8 dB Return loss Insertion loss ≤ 0.1 dB RF CW power ≤ 150 W PIM 3rd order not specified

Surge current handling capability 30 single / 20 multiple kA (test pulse 8/20 µs)

Residual pulse energy 350 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 330 g

**Environmental Data** 

Operating temperature -40 °C to +85 °C

Waterproof degree IP20 (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	Brass	SUCOPLATE (R) Plating
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**

DOU-00057084 1 Outline drawing Mounting instruction DOC-0000176104

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: 3401.17.L