# **Data Sheet**

# **HUBER+SUHNER**

# **EMP Protector 3400.17.0380**

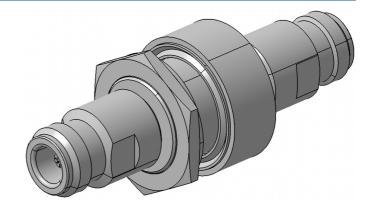
## **Description**

Quarter-wave stub technology

#### **Benefits**

Broad-band design

The protector can also be installed reversely Compliant to IEC 61643-21



# **Product Configuration**

Main path connectors Mounting and grounding Side of bulkhead Port 1: <u>unprotected</u>, N jack (female) - Port 2: <u>protected</u>, N jack (female)

MH69 (bulkhead mounting), brk (bracket)

50 multiple kA (test pulse 8/20 µs)

protected side

#### **Technical Data**

#### **Electrical Data**

Impedance 50  $\Omega$ 

Frequency range 6000 - 18000 MHz

 Return loss
 ≥ 20 dB

 Insertion loss
 ≤ 0.3 dB

 RF CW power
 ≤ 100 W

 PIM 3rd order
 not specified

Surge current handling capability

Residual pulse energy 5 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 225 g

**Environmental Data** 

Operating temperature -40 °C to +85 °C

Waterproof degree IP65 (according to IEC 60529, data refer to the coupled state)

2011/65/EU (RoHS - including compliant

2017/8/20 (ROHS - Including 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**

Outline drawing DOU-00003513

Mounting instruction DOC-0000176104

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

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