

# HUBER+SUHNER® DATA SHEET

## EMP Protector: 3400.17.0380



### Description

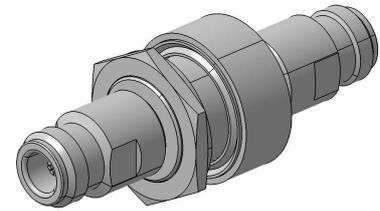
Quarter-wave stub technology

### Benefits

#### Broad-band operation

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: unprotected, N jack (female) - Port 2: protected, N jack (female)  
MH69 (MH=bulkhead mounting)

### Technical Data

#### Electrical Data

Impedance	50 Ω
Frequency range	6000 to 18000 MHz
Return loss	≥ 20 dB
Insertion loss	≤ 0.3 dB
RF CW power	≤ 100 W
PIM 3 <sup>rd</sup> order	not specified
Surge current handling capability	50 multiple kA (test pulse 8/20 μs)
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

Weight 225 g

#### Environmental Data

Operating temperature -40 °C to +85 °C  
Waterproof degree IP 65 (according to IEC 60529, data refer to the coupled state)  
2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Parts

	Material
Housing	Brass
Port 1 center contact	Copper Beryllium Alloy
Port 2 center contact	Copper Beryllium Alloy

##### Surface Plating

SUCOPLATE (R) Plating  
Gold Plating (without Nickel underplating)  
Gold Plating (without Nickel underplating)

### Related Documents

Outline drawing	DOU-00003513
Mounting instruction	DOC-0000176104

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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