

## EMP Protector 3400.17.0385

### Description

Quarter-wave stub technology

#### Benefits

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



### Product Configuration

Main path connectors Port 1: unprotected, N jack (female) - Port 2: protected, N jack (female)  
 Mounting and grounding MH25 (bulkhead mounting), M8 (screw), brk (bracket)

### Technical Data

#### Electrical Data

Impedance 50  $\Omega$   
 Frequency range 950 - 1450 MHz  
 Return loss  $\geq 20$  dB  
 Insertion loss  $\leq 0.1$  dB  
 RF CW power  $\leq 350$  W  
 PIM 3rd order not specified

Surge current handling capability 50 multiple kA (test pulse 8/20  $\mu$ s)  
 Residual pulse energy 5  $\mu$ J typically (test pulse 4 kV 1.2/50  $\mu$ s / 2 kA 8/20  $\mu$ s) main path - protected side

#### Mechanical Data

Number of matings 500  
 Weight 334 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) compliant

#### 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-00003523  
 Mounting instruction DOC-0000176104

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