

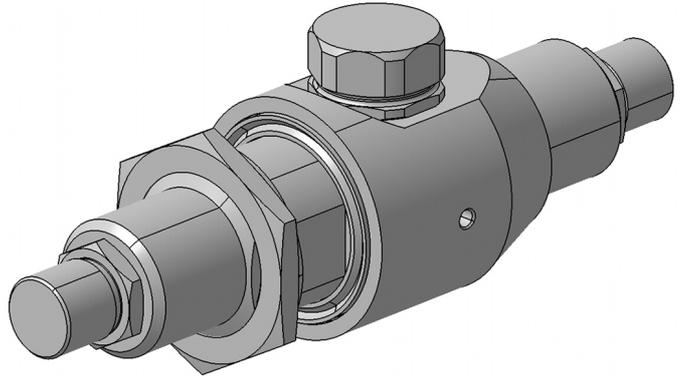
## EMP Protector 3402.99.0004

### Description

GDT technology up to 2.5 GHz

#### Benefits

- Broad-band design
- 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

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

### Technical Data

#### Electrical Data

Impedance 75 Ω  
 Frequency range 0 - 1500 MHz  
 Insertion loss ≤ 0.5 dB  
 RF CW power ≤ 50 W  
 PIM 3rd order not specified

Surge current handling capability 10 single / 5 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

Weight 157 g

#### Environmental Data

Operating temperature -40 °C to +85 °C  
 Waterproof degree IP54 (according to IEC 60529, data refer to the coupled state)  
 2011/65/EU (RoHS - including 2015/863 and 2017/2102) 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-00004160.1  
 Mounting instruction DOC-0000176104

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