

## EMP Protector 3406.00.0030

### Description

Slim Line GDT technology

#### Benefits

Multi-band operation  
DC continuity for remote powering  
The protector can also be installed reversely  
Fix installed GDT, static sparkover-voltage nom. 200 V  
Compliant to IEC 61643-21

### Product Configuration

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

### Technical Data

#### Electrical Data

Impedance	50 Ω
Frequency range	0 - 3000 MHz
Return loss	≥ 20 dB
Insertion loss	≤ 0.2 dB
RF CW power	≤ 60 W
PIM 3rd order	not specified

Surge current handling capability	10 single / 5 multiple kA (test pulse 8/20 μs)
Residual pulse energy	250 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	70 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 2015/863 and 2017/2102)	compliant acc. Annex III

#### Material Data

Piece Parts	Material	Surface Plating
Housing	Stainless Steel	
Port 1 center contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Port 2 center contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)

### Related Documents

Outline drawing	DOU-00178612
Mounting instruction	DOC-0000176104

### Remarks

Panel mounting 5/8-24 UNEF-2B, WAF 24 mm