

HUBER+SUHNER® DATA SHEET

EMP Protector: 3402.17.0043

Rev.: G



Description

GDT technology up to 2.5 GHz

Benefits

Broad-band operation

DC continuity for outdoor powering

The protector can also be installed reversely

Delivered without gas discharge tube

Data refer to GDT 9071.99.0547, 230 V



Product Configuration

Main path connectors	Port 1: <u>unprotected</u> , N plug (male) - Port 2: <u>protected</u> , N jack (female)
Mounting and grounding	MH12/M8 (MH=bulkhead mounting/M=screw)
Side of bulkhead	protected side

Technical Data

Electrical Data

Impedance	50 Ω
Frequency range	0 to 2500 MHz
Return loss	≥ 20 dB
Insertion loss	≤ 0.2 dB
RF CW power	≤ 150 W
PIM 3 rd order	not specified
Surge current handling capability	30 single / 20 multiple kA (test pulse 8/20 μ s)
Residual pulse energy	350 μ J typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s) main path - protected side

Mechanical Data

Weight	230 g
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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

Housing	Brass
Port 1 center contact	Brass
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-00068855.1
Mounting instruction	DOC-0000176104

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

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HUBER+SUHNER AG

RF Protection

9100 Herisau, Switzerland

Phone +41 (0)71 353 41 11

Fax +41 (0)71 353 47 51

www.hubersuhner.com

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