

HUBER+SUHNER® DATA SHEET

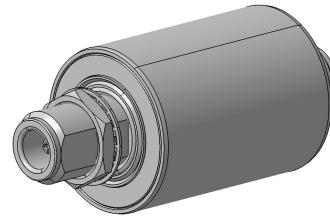
EMP Protector: 3403.17.0060

Rev.: G



Description

Fine protector hybrid technology



Benefits

Broad-band operation
DC continuity for outdoor powering
Permanently installed gas discharge tube
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)
MH12 (MH=bulkhead mounting)
protected side

Technical Data

Electrical Data

Impedance	50 Ω
Frequency range	800 to 2500 MHz
Return loss	≥ 26.44 dB
Insertion loss	≤ 0.3 dB
RF CW power	≤ 50 W
PIM 3 rd order	not specified
DC voltage	≤ 6 V
DC current	≤ 4 A
Surge current handling capability	20 single kA (test pulse 8/20 μs)
Residual pulse energy	6 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs)
	main path - protected side

Mechanical Data

Number of Matings	100
Weight	95 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP 67 (according to IEC 60529, data refer to the coupled state)
2002/95/EC (RoHS)	Telecom compliant

Material Data

Piece Parts	Material	Surface Plating
Housing	Aluminium	
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-00090632.1
Mounting instruction	DOC-0000176104

Remarks

Recommendation: if this protector is mated with connectors made of copper-alloy base material and trimetal or nickel plating the connector area must be taped to improve long-term durability.

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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