

HUBER+SUHNER® DATA SHEET

EMP Protector: 3403.17.0049

Rev.: E



Description

Fine protector hybrid technology

Benefits

With GDT 9071.99.0548, 90 V
DC continuity for outdoor powering
Broad-band operation
Compliant to IEC 61643-21



Product Configuration

Main path connectors Port 1: unprotected, N plug (male) - Port 2: protected, N jack (female)
Mounting and grounding MH119/M4 (MH=bulkhead mounting/M=screw)
Side of bulkhead protected side

Technical Data

Electrical Data

Impedance	50 Ω
Frequency range	650 to 2500 MHz
Return loss	≥ 20.8 dB
Insertion loss	≤ 0.5 dB
RF CW power	≤ 50 W
PIM 3 rd order	not specified
DC voltage	≤ 15 V
DC current	≤ 3 A
Surge current handling capability	30 single / 20 multiple kA (test pulse 8/20 μ s)
Residual pulse energy	6 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 330 g

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) Telecom compliant

Material Data

Piece Parts

Housing	Aluminium
Port 1 center contact	Brass
Port 2 center contact	Copper Beryllium Alloy

Surface Plating

Chromatized
Gold Plating (without Nickel underplating)
Gold Plating (without Nickel underplating)

Related Documents

Outline drawing DOU-00019763.1
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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