

HUBER+SUHNER® DATA SHEET

EMP Protector: 3407.17.0022



Description

Quarter-wave stub technology with integrated high-pass filter

Benefits

Compliant to IEC 61643-21



Product Configuration

Main path connectors Port 1: unprotected, N jack (female) - Port 2: protected, N jack (female)
Mounting and grounding MH74/M8/brk (MH=bulkhead mounting/M=screw/brk=bracket)
Side of bulkhead protected side

Technical Data

Electrical Data

Impedance 50 Ω
Frequency range 74 to 180 MHz
Return loss ≥ 20 dB
Insertion loss ≤ 0.15 dB
RF CW power ≤ 500 W
PIM 3rd order not specified
Surge current handling capability 50 multiple kA (test pulse 8/20 μ s)
Residual pulse energy 0.03 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 580 g

Environmental Data

Operating temperature -40 °C to +85 °C
Waterproof degree IP 66 (according to IEC 60529, data refer to the coupled state)
2002/95/EC (RoHS) Telecom 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-00004317.1
Mounting instruction DOC-0000176104

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

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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

HUBER+SUHNER – Excellence in Connectivity Solutions