

HUBER+SUHNER® DATA SHEET

Lightning Protector: 3409.41.0011



Description

High-Power / Low IM Gas Capsule Protector

Benefits

The protector can also be installed reversely
DC continuity for outdoor powering
With capsule 9071.99.0548 (73 Z-0-0-548), 90 V



Product Configuration

Main path connectors 7/16 jack (female) - 7/16 jack (female) (Unprotected side - protected side)
Mounting and grounding MH74/M8/brk (MH=bulkhead mounting/M=screw/brk=bracket)

Technical Data

Electrical Data

Impedance 50 Ω
Frequency range 1710 to 1990 MHz
Return loss ≥ 20 dB
Insertion loss ≤ 0.2 dB
RF CW power ≤ 500 W
PIM 3rd 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)

Mechanical Data

Weight 550 g

Environmental Data

Operating temperature -40 °C to +85 °C
Waterproof degree IP 65 (according to IEC 60529, data refer to the coupled state)

Material Data

Piece Parts

Body	Brass
Female contact	Copper Beryllium Alloy
Dielectric	PTFE (Polytetrafluorethyl.)
Gasket	MQ (Silicon Rubber)

Surface Plating

SUCOPLATE (R) Plating
Silver Plating

Related Documents

Outline drawing	DOU-00004518
Mounting instruction	DOC-0000176104

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

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