

HUBER+SUHNER® DATA SHEET

Lightning Protector: 3409.41.0013



Description

High-Power / Low IM Gas Capsule Protector

Benefits

DC continuity for outdoor powering

The protector can also be installed reversely

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 806 to 960 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 570 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

Piece Parts	Material
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-00004522
Mounting instruction DOC-0000176104

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

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