



SUHNER® LIGHTNING PROTECTOR DATA SHEET

TYPE 3402.17.C

Rev: B

Description

Gas Capsule Protector up to 2.5 GHz



Broad-band operation

DC continuity for outdoor powering

The protector can also be installed reversely

Delivered without gas capsule

Electrical data refer to gas capsule 73 Z-0-0-47

Product Configuration

Main path connectors N plug (male) - N jack (female) (Unprotected side - protected side)
 Mounting and grounding MH25 / (MH=bulkhead mounting / M=screw)

Technical Data

Impedance: 50 Ω
 Frequency range 0 to 2500 MHz
 Return loss ≥ 20 dB
 Insertion loss ≤ 0.2 dB
 RF CW power ≤ 150 W
 PIM 3rd order not specified
 Surge current handling capability 30 single / 20 multiple kA (test pulse 8/20 μs)
 Residual pulse energy 350 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs)
 Operating temperature -40°C to + 85°C
 Waterproof degree IP 65 (according to IEC 60529, data refer to the coupled state)

Piece Parts

Body
 Male contact
 Female contact
 Insulator
 Gasket

Material

Brass
 Brass
 Copper Beryllium Alloy
 PTFE (Polytetrafluorethyln.)
 MQ (Silicon Rubber)

Surface Plating

SUCOPLATE (R) Plating
 Gold Plating
 Gold Plating

Attachment

Outline drawing

DOU-00004076 S56937

Related Documents

Mounting/ Grounding instruction

DOC-0000176104 23008058

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Page 1