



SUHNER® LIGHTNING PROTECTOR DATA SHEET

TYPE 3402.17.0044

Rev: C

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 jack (female) - N jack (female) (Unprotected side - protected side)
 Mounting and grounding MH12 / M8 (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

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

Surface Plating

SUCOPLATE (R) Plating

 Gold Plating

Attachment

Outline drawing

DOU-00004044 23001425

Related Documents

Mounting/ Grounding instruction

DOC-0000176104 23008058

WAIVER!
 While the information contained in this folder has been carefully compiled to the best of our present knowledge, it is not intended as representation or warranty of any kind on our part regarding the fitness of the products concerned for any particular use or purpose and neither shall any statement contained herein be construed as a recommendation to infringe any industrial property rights or as a license to use any such rights. The fitness of each product for any particular purpose must be checked beforehand with our specialists.
 All product data is not binding and subject to change at any time. The products of HUBER + SUHNER are tested in a laboratory environment against specific standards and test procedures. Any guarantee for specific applications or environmental conditions requires a separate written agreement.



HUBER+SUHNER

HUBER+SUHNER AG
 Protection + Feeder Line Components
 CH-9100 Herisau
 Phone +41 (0)71 353 41 11
 Fax +41 (0)71 353 47 51
 www.hubersuhner.com

Issued: 23.01.04 15:08

Document: DOC-0000177017

uncontrolled copy

Page 1