



# SUHNER® LIGHTNING PROTECTOR DATA SHEET

## TYPE 3400.17.0038

Rev: C

### Description

Quarter-Wave Stub Protector

***The protector can also be installed reversely***



### Product Configuration

Main path connectors

N jack (female) - N jack (female) (Unprotected side - protected side)

Mounting and grounding

MH25 / (MH=bulkhead mounting / M=screw)

### Technical Data

Impedance:

50  $\Omega$

Frequency range

824 to 960 MHz

Return loss

$\geq 20$  dB

Insertion loss

$\leq 0.1$  dB

RF CW power

$\leq 300$  W

PIM 3<sup>rd</sup> order

not specified

Surge current handling capability

50 kA multiple (test pulse 8/20  $\mu$ s)

Residual pulse energy

5  $\mu$ J typically (test pulse 4 kV 1.2/50  $\mu$ s / 2 kA 8/20  $\mu$ s)

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-00003208 23039188

### Related Documents

Mounting/ Grounding instruction

DOC-0000176104 23008058

#### WAIVER!

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