

# HUBER+SUHNER® DATA SHEET

## Lightning Protector: 3401.26.A

Rev.: F



### Description

Gas Capsule Lightning Protector up to 1.0 GHz

### Benefits

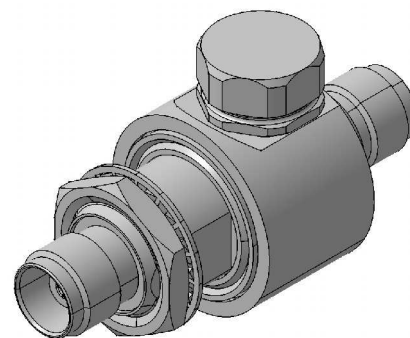
**Broad-band operation**

**DC continuity for outdoor powering**

**The protector can also be installed reversely**

**Delivered without gas capsule**

**Data refer to capsule 9071.99.0547, 230 V**



### Product Configuration

Main path connectors	TNC jack (female) - TNC jack (female) (Unprotected side - protected side)
Mounting and grounding	MH12 (MH=bulkhead mounting)

### Technical Data

#### Electrical Data

Impedance	50 $\Omega$	
Frequency range	0 to 1000 MHz	0 to 300 MHz
Return loss	$\geq 19$ dB	$\geq 26.44$ dB
Insertion loss	$\leq 0.1$ dB	$\leq 0.1$ dB
RF CW power	$\leq 150$ W	$\leq 150$ W
PIM 3 <sup>rd</sup> order	not specified	not specified
Surge current handling capability	30 single / 20 multiple kA (test pulse 4 kV 1.2/50 $\mu$ s / 2 kA 8/20 $\mu$ s)	
Residual pulse energy	350 $\mu$ J typically (test pulse 4 kV 1.2/50 $\mu$ s / 2 kA 8/20 $\mu$ s)	

#### Mechanical Data

Weight	77 g
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#### Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP 64 (according to IEC 60529, data refer to the coupled state)
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts

Body	Brass
Male contact	Brass
Female contact	Copper Beryllium Alloy
Dielectric	PTFE
Gasket	MVQ (Silicone Rubber)

##### Surface Plating

SUCOPLATE (R) Plating
Gold Plating (without Nickel underplating)
Gold Plating (without Nickel underplating)

### Related Documents

Outline drawing	DOU-00057119.1
Mounting instruction	DOC-0000176104

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

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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