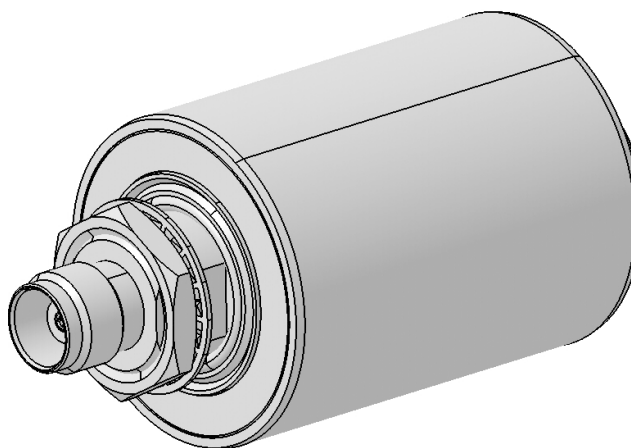


# COAXIAL SURGE PROTECTOR DEVICE, Fine protectors hybrid technology

3403.26.0002

## Properties

- Two stages hybrid protection: GDT and fine protector
- Residual surge pulse energy reduced by about factor 100 compared to standard GDT
- Full lightning protection as standard gas discharge tube (GDT) protectors
- Gas discharge tube included
- DC/AC remote powering via coaxial same cable



## Product configuration

Main path connectors	Port 1: unprotected, TNC jack (female) Port 2: protected, TNC jack (female)
Mounting and grounding	MH12 (bulkhead mounting)
Side of bulkhead	protected side

## Material data

Housing material / plating	Aluminium / Chromatized
Center contact, material / plating	Port 1: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)
	Port 2: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)

## Electrical data

Impedance	50 $\Omega$
Frequency frame	800 MHz to 2500 MHz
Return loss typical	23 dB
Insertion loss typical	0.3 dB
CW power frame	50 W

## Electrical bands

	Range 1
Frequency range	1500 MHz ... 1700 MHz
Return loss	26.44 dB

**COAXIAL SURGE PROTECTOR DEVICE, Fine protectors hybrid technology**

3403.26.0002

<b>Electrical bands</b>	
	<b>Range 1</b>
Insertion loss	0.3 dB

<b>Electrical remarks</b>	
DC supply voltage	6 V
DC current	3 A
Surge current handling capability	20 single kA (test pulse 8/20 $\mu$ s)
Residual pulse energy	6 $\mu$ J typically (test pulse 4 kV 1.2/50 $\mu$ s / 2 kA 8/20 $\mu$ s) main path - protected side
Gas tube	Yes DC, GDT included, not replaceable

<b>Mechanical data</b>	
Weight	90 g
Mating cycles	100

<b>Environmental data</b>	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	IP67

<b>Ordering Information Table</b>	
Item number	Item description
84038919	3403.26.0002

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.  
DOCUMENT PIM-P1983 / Date of publication: 07.11.2023 / uncontrolled copy