

# Technical data sheet

Coaxial protection device for N connection up to 6 GHz: male/female  
Item no. 5093998



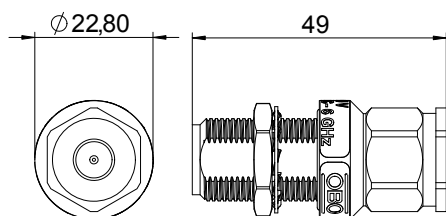
Coaxial data cable protection devices for transmission and reception technology

- With N-Connector, male/female
- High impulse current load capacity: 2.5 kA (10/350)
- Simple mounting (adapter), m = connector, w = socket
- Low protection level at high current loads
- Optimum transmission behaviour:
  - Low reflection behaviour
  - Bandwidth-optimised for secure transmission up to 6 GHz
- Available in 50 Ω technology

Application: For example: SAT-TV C band, WiMAX, WLAN applications, DVB-T2



## Dimensions

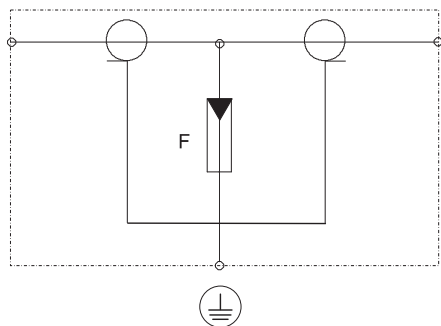


Length	49,00 mm
Width	22,80 mm
Height	22,80 mm

## Master data

Item no.	5093998
Type	DS-N-6 M/W
Description 1	Protective device
Description 2	for high-frequency cables
Dimension	70V
Smallest sales unit (VG)	1 Piece
Weight	7,83 kg/100 pc.

## Technical data



Arrestor monitoring	<input type="checkbox"/>
Category	Type 1+2 / D1+C2
SPD to IEC 61643-21	Class I+II / D1+C2
Number of poles	1
Insertion loss	≤0,1 dB
Explosion-tested version	<input type="checkbox"/>
Telecommunications contact	<input type="checkbox"/>
Total discharge current (8/20)	10 kA
Total discharge current (10/350)	5 kA
Frequency range	0 - 6 GHz
Frequency range	0,00 - 6.000,00 MHz
Cut-off frequency	6.000,00 MHz
Maximum continuous voltage AC	50,00 V
Maximum continuous voltage DC	70,00 V
Insulation resistance	>1 GΩ
Impulse discharge current (10/350)	2,50 kA
Capacity (wire-wire)	<10 pF
Capacity (wire-earth)	<20 pF

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Lightning protection zone LPZ	0→2
Rated current	10,00 A
Nominal load current AC	7,00 A
Nominal load current DC	10,00 A
Installation type	Connector/cable adapter
Testing standard	IEC 61643-21
Transmission power	80,00 W
Return loss	≥22 dB
Shielding connection available	Yes
Shield connection	Direct
Protection rating	IP65/67
Protection level	<750 V
Protection level wire-wire	<750 V
Protection level wire-earth	<750 V
Signalling on device	None
Connection system	N
Impulse durability wire-wire	C2: 10 kV / 5 kA (8/20µs)
Impulse durability wire-earth	C2: 10 kV / 5 kA (8/20µs)
Temperature range	-40+80 °C
Wave resistance	50 Ω