

Technical data sheet

Coaxial protection device for N connection up to 6 GHz:
male/female
Item number: 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

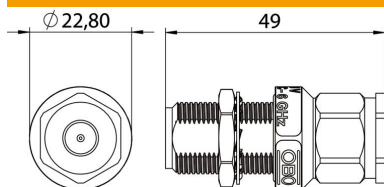
Application: For example: SAT-TV C band, WiMAX, WLAN applications, DVB-T2



Master data

Item number	5093998
Type	DS-N-6 M/W
Description 1	Protective device
Description 2	for high-frequency cables
Manufacturer	OBO
Dimension	70V
Smallest sales unit	300
Unit of quantity	Piece
Weight	7.83 kg
Weight unit	kg/100 pc.

Dimensions



Length	49 mm
Width	22.8 mm
Height	22.8 mm

Technical data sheet

Coaxial protection device for N connection up to 6 GHz:
male/female
Item number: 5093998



Technical data

Arrestor monitoring	no
Number of poles	1
Insertion loss	≤0,1 dB
Explosion-tested version	no
Telecommunications contact	no
Total discharge current (10/350)	5 kA
Total discharge current (8/20)	10 kA
Cut-off frequency	6000 MHz
Maximum continuous voltage AC	50 V
Maximum continuous voltage DC	70 V
Lightning impulse current	2.5 kA
Insulation resistance	>1 GΩ
Capacity (wire-wire)	<10 pF
Capacity (wire-earth)	<20 pF
Kategorie	Type 1+2 / D1+C2
Lightning protection zone LPZ	0→2
Mounting type	Connector/cable adapter
Nominal load current AC	7 A
Nominal load current DC	10 A
Testing standard	IEC 61643-21
Return loss	≥22 dB
Shielding connection available	yes
Screening	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
SPD to IEC 61643-21	Class I+II / D1+C2
Plug-in system	N
Impulse durability wire-wire	C2: 10 kV / 5 kA (8/20μs)
Impulse durability wire-earth	C2: 10 kV / 5 kA (8/20μs)
Permitted temperature range, max.	80 °C
Permitted temperature range, min.	-40 °C
Wave resistance	50 Ω
Transmission power	80 W