

Coaxial protection device for N connection up to 6 GHz: Male/female



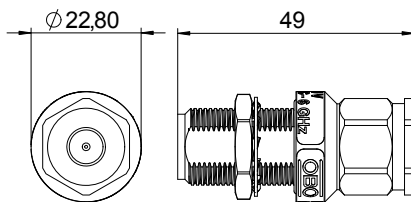
Coaxial data cable protection devices for transmission and reception technology

- 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

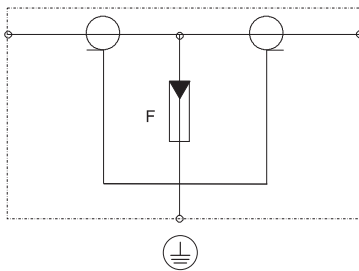
Application: For example: SAT-TV C band, WiMAX, WLAN applications, DVB-T2

Type	Connection system	Frequency range	Pack. pcs	Weight kg/100 pcs.	Item No.
DS-N-6 M/W	N	0 - 6 GHz	1	7,830	5093 99 8

Dimensions



Connection options



DS-N-6 M/W

Maximum continuous voltage AC V	U_c	50
Maximum continuous voltage DC V	U_c	70
Category		Type 1+2 / D1+C2
Lightning protection zone LPZ		0-2
Number of poles		1
Rated current A	I_n	10
Wave resistance Ω	Z_c	50
Impulse durability wire-wire		C2: 10 kV / 5 kA (8/20 μs)
Impulse durability wire-earth		C2: 10 kV / 5 kA (8/20 μs)
Impulse discharge current (10/350) kA	I_{imp}	2.5
Protection level V		<750
Frequency range		0 - 6 GHz
Insertion loss dB	S_{21}	≤0,1
Return loss dB	S_{11}	≥22
Temperature range °C	ϑ	-40-80
Installation type		Connector/cable adapter
Connection system		N
Protection rating		IP65/67
Shielding connection available		Yes
Shield connection		Direct
Testing standard		IEC 61643-21