Technical data sheet

Coaxial protection device for 7/16 connection: male/female

Item number: 5093171

Coaxial data protection device

- Basic protection
- Simple mounting (adapter)
- Optimum transmission
- High pulse load capacity
- With 7/16 connector

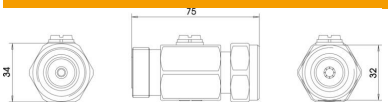
Application: to protect mobile telephony applications.

LPZ 0→2 TV SAT

Master data

Item number	5093171
Type	DS-7 16 M/W
Description 1	Data line protection device
Description 2	for HF lines
Manufacturer	OBO
Dimension	170V
Smallest sales unit	1
Unit of quantity	Piece
Weight	35.5 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	0,0441 kg CO2e / 1 Piece

Dimensions



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[redacted]

Arrestor monitoring	no
Number of poles	1
Insertion loss	≤0,95 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	3000 MHz
Maximum continuous voltage AC	130 V
Maximum continuous voltage DC	185 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
ROHS-conformant	yes
Return loss	≥14 dB
Shielding connection available	yes
Screening	Direct
Protection rating	IP40
Protection level	<800 V
Protection level wire-wire	<800 V
Protection level wire-earth	<800 V
Signalling on device	None
SPD to IEC 61643-21	Class I+II / D1+C2
Plug-in system	7/16
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