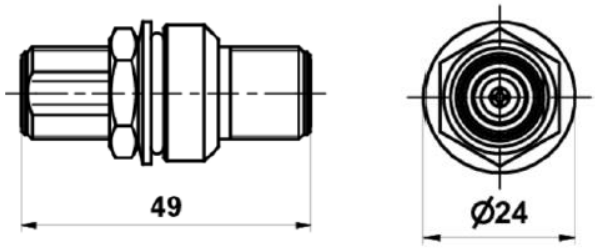
BRUMIL 260 – Surge Protector coaxial cables 50Ω

The efficient devices to protect equipment against the effects of surges

- **Surge protection for coaxial cables**
- **Small insertion loss (0.2dB) from DC to 5.8Ghz**
- **DC up to 12V for remote power applications**
- **N-connector (female) on unprotected side**
- **N-connector (male) on protected side**
- **Compact feed-through design (bulkhead) for direct installation to shielding wall**



PRELIMINARY

Description:

- BRUMIL 260 is a coaxial protection offering a very high passband from DC to 5.8GHz having less than 0.2dB insertion loss.
- DC-transmission for remote power is also possible, however, the DC-power should automatically be switched off in case of a short-circuit.

Applications:

- The BRUMIL 260 is designed to protect a coaxial cable with N-type connectors carrying RF-signals up to 50W power and frequencies up to 5.8GHz. It has a bulkhead design, which permits the installation into a shielding wall as a feed-through protector. Together with other protectors it forms a “single point of entry” to protect sensitive equipment.
- BRUMIL 260can also transmit DC-power for remote power supply of antenna systems. The DC-power supply shall be short-circuit proof and shall switch off power when short-circuited

Dimensions:

- Total length: 49mm (without patch cable)
- Diameter: 24mm thread

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BRUMIL 260 – Surge Protector coaxial cables		
Application	Coaxial protection	50 Ohms cables
Passband	DC – 5.8GHz	Up to 12VDC/3A for remote power (short-circuit proof)
Max. RF power	50 W	
Max. DC-current	3A	Permanent, power supply must interrupt in case short-circuit
Insertion loss	<0.2dB	DC – 5.8GHz, 50 Ohms system
Return loss	>20dB	
Nominal surge current I_n	5kA	Pulse shape 8/20µs
Max. discharge current I_{max}	10kA	Pulse shape 8/20µs
Max. lightning current I_{Imp}	1 kA	Pulse shape 10/350µs
Connector type unprotected side	N (female) 50 Ohm	
Connector type protected side	N (male) 50 Ohm	
Weight	Appr. 100g	

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