



Lightning protection set



Lightning voltage/voltage surge conductor for coaxial antenna system of mobile radio systems (e.g. GSM or UMTS).

Intended for the AT with connection of an exterior antenna.

Technical Specifications

Lightning protection

| | |
|--|-------------------|
| Conductor measurement voltage (max. permissible operating voltage) | 48 V _~ |
| Rated current | 6 A |
| Rated discharged surge voltage | 20 kA |
| Lightning surge voltage | 5 kA |
| Max. discharged surge voltage | 30 kA |
| Combined surge | 4 kV |
| Protection level with U _{oc} | ≤ 870 V |
| Frequency range | DC - 2.5 GHz |
| Max. transmission output | 150 W |
| Return flow attenuation | ≥ 20 dB |
| Incorporation attenuation | < 0.2 dB |
| Impedance level | 50 Ohm |
| Temperature range | -40 °C to +85 °C |

Lightning protection

| | |
|-------------------------------|------|
| Tested cat. IEC 61643-21:2000 | C2 |
| Protection category | IP65 |

Ordering Information

Lightning protection set

4998151211

For the AT with connection to an exterior antenna, lightning/voltage surge conductor for coaxial antenna systems of mobile radio systems (e.g. GSM or UMTS)

Americas:

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: +31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Bosch Security Systems Pte Ltd
38C Jalan Pemimpin
Singapore 577180
Phone: +65 6319 3450
Fax: +65 6319 3499
apr.securitysystems@bosch.com
www.boschsecurity.com

Represented by