

LTE 450 and LTE Combi-antenna

ANTENNAS



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The LTE 450 and LTE LPCA MiMo Combi-antenna offers excellent performance in an inconspicuous and durable design. The flat housing offers high protection against vandalism and is therefore perfect for Smart Metering or local network stations.

- Two antenna elements LTE 450 MHz (band 72) and LTE
- Antenna for mounting on local network stations / transformer stations
- Robust design for demanding environmental conditions
- Easy installation as ground plane independent
- Optimal for indoor and outdoor applications under harsh environmental conditions

MODELLE	DESCRIPTION	ANTENNA CONNECTOR	ANTENNA CABLE
6WAX07000020	Durable antenna with two antenna elements	SMA (m)	300 cm (RG316)

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SPECIFICATIONS

ANTENNA CHARACTERISTICS	
Antenna elements	1x Tetra and 1 x Cellular
Frequency range	LTE 450: 450 - 470 MHz / Cellular: 790-960 MHz & 1710-2690 MHz
Antenna gain (typical)	LTE 450: 2.15 dBi / Cellular
GENERAL INFORMATION	
Antenna type	LPCA Antenna
Construction type	Low-Profile-Antenna
Application area	Indoor / Outdoor
Integrated antenna	LTE 450 and standard LTE
Radiation characteristic	Omnidirectional
Groundplane needed?	No
VSWR	LTE 450: 2:1 / Cellular: 3:1 (790-960 MHz), 2:1 (1710-2690 MHz)
ELECTRICAL CHARACTERISTICS	
Transmission power (max)	10 W
Impedance	50 Ohm
Polarization	Omnidirectional
PHYSICAL CHARACTERISTICS	
Colour	Olive green
Antenna connector	SMA (m)
Cable length	300 cm
Dimensions	280 x 120 x 50 mm
Protection class	IP67
Operating temperature range	-40 - +85 °C
Mounting options	Screw mounting