

Antenna-Roof-LG

Roof Antenna with LTE + GNSS

Omnidirectional combo antenna with linear polarization for signal enhancement in 4G, 3G, 2G network and right-hand circular polarization for the active GPS antenna.



Keyfeatures

Cellular	MIMO LTE / UMTS / GSM
GNSS	active

Specifications

Mobile / Cellular	Standard	<p>1 x LTE / UMTS / GSM</p> <p>LTE Bands: 1, 2, 3, 4, 5, 7, 8, 10, 12, 13, 14, 17, 18, 19, 20, 23, 25, 26, 27, 28, 29, 30, 65, 66, 67, 68, 69, 70, 85 - TDD Bands: 33, 34, 35, 36, 37, 38, 39, 40, 41, 44, 53</p> <p>UMTS Bands: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 19, 20, 25, 26 - TDD Bands: 33, 34, 35, 36, 37, 38, 39, 40</p> <p>GSM Bands: 710, 750, 810 T-GSM, 850, 900 P, 900 E, 900 R, 1800 DCS, 1900 PCS</p> <p>Bands 710, 750, 810 T-GSM, 850, 900 P, 900 E, 900 R, 1800 DCS, 1900 PCS</p> <p>Frequency 704 - 960, 1710 - 2690</p>
	Specification	<p>Gain 5 dBi@700~960MHz (1m Cable)</p> <p>2 dBi@1710~2690MHz (1m Cable)</p> <p>VSWR ≤ 2 typ.</p> <p>Impedance 50 Ohm</p> <p>Radiation omnidirectional</p>
	Connectors	1x SMA male fix connected 3m antenna cable
GNSS	Standards	<p>1 x GPS</p> <p>Type active</p> <p>Frequency 1573 - 1578</p>
	Specification	<p>Gain 27 dBi</p> <p>VSWR ≤ 1,8 typ.</p> <p>Impedance 50 Ohm</p> <p>Radiation omnidirectional</p>
	Amplifier	<p>Power 3 - 5.5 V</p> <p>Current 12 mA</p> <p>Gain 27 dBi</p>
	Connectors	1x SMA male fix connected 3m antenna cable
Mechanical	Dimensions	<p>Diameter 65 mm</p> <p>Height 20 mm</p>
	Weight	150 g
	Mounting	Rooftop with screws
	Color	black
Environment	Operating Temperature	-40°C to +80°C
	Ingress Protection Level	IP67
Certifications	Compliance Domain	RoHS, REACh Industrial

Extension Cables	Cellular	1 x fix connected / 3 m / SMA male
	GNSS	1 x fix connected / 3 m / SMA male

Other	Order Code	Antenna-Roof-LG
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