

ALFA 4G LTE outdoor antenna for B:Connect

Part-No. #20832 (4G Ant. Set)

Additional antenna for B:CONNECT



The ALFA 4G Omni antenna is a versatile broadband antenna in the range from 600 MHz to 3 GHz and is suitable for use in shipping and extreme environmental conditions.

As an external additional antenna with an antenna gain of 4-6 dBi across the entire frequency band, ALFA 4G offers a significant improvement in connectivity and is therefore the perfect solution for voice and data applications.

Manufacturer's description

Reference: [4G LTE outdoor antenna 6dBi marine class](#)

The ALFA 4G Omni antenna is a versatile broadband antenna for use in marine and all extreme outdoor environments. The Omni antenna operates from 600 MHz to 3 GHz, making it an ideal marine and outdoor antenna for any network operator in Australia and New Zealand. The antenna is also ideal for outdoor Wi-Fi (2.4 GHz) applications. With a gradual increase in antenna gain from 4-6 dBi across the entire frequency band, this antenna will provide the perfect solution for voice and data applications requiring high-quality and reliable 4G omni antennas.

Mobile network

Mobile Network Generation	4G (LTE)
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Antenna

Antenna Design	Omni
Mobile Antenna Frequency Range and Gain	0.698 - 0.96 (GHz) 4 (dBi), 1.71 - 2.7 (GHz) 6 (dBi)
Mobile antenna gain	4 dBi, 6 dBi
Beam width	18° vertical, 360° horizontal
Polarization	Vertical
VSWR	< 1.5
Impedance	50 Ω
Maximum input power	100 W

Connections

RF connector	(1) N female
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Physical parameters

Color	White
Material	Glass fiber
Ingress Protection Code	Marine Grade
Dimensions	Ø63 x 220 mm
Weight	1.2 kg
Operating temperature	-40 °C to 70 °C
Environment	Outdoor
Mounting method	Pole mounts
Estimated wind speed	60 m/s