

Item no.: 384339

AR5020MP - QuMax with PoE Splitter for Robustel R5020

from **235,35 EUR**

Item no.: 384339
shipping weight: 2.80 kg
Manufacturer: QuWireless



Product Description

INTEGRATED MULTI-BAND LTE & 5G PANEL ANTENNA + WI-FI OMNI ANTENNA + GPS + PLACE TO INSTALL Robustel R5020 (ALL-IN-ONE)QuMax for Robustel R5020 is a high performance directional antenna designed for use in a variety of wireless communication applications. This all-in-one product consists of multi-band 5G, Wi-Fi and GPS antennas, integrated in IP67 enclosure. It offers 7.5 dBi gain and wide beam width, which makes it suitable for use in both urban and rural environments. Combining QuMax with R5020 inside the antenna housing gives you complete outdoor solution with multiple use scenarios such as transportation public, energy, mining IoT and more. Wi-Fi 6E support! Note! This antenna comes in two different versions, depending on your router configuration. When you use R5020 supporting Power over Ethernet (PoE) please choose version "no PoE splitter". For R5020 without PoE support, please choose "PoE splitter" version. Compatible Robustel part numbers available in the specification below.

5G / LTE ANTENNA SPECIFICATION

FREQUENCY- 0.617 - 0.96 GHz- 1.7 - 2.7 GHz- 3.3 - 4.6 GHz- 4.7 - 6.0 GHz

GAIN- 0.617 - 0.96 GHz: 6 dBi- 1.7 - 2.7 GHz: 7 dBi- 3.3 - 4.6 GHz: 7 dBi- 4.7 - 6.0 GHz: 5.5 dBi

SUPPORTED LTE BANDS- 1, 2, 3, 4, 5, 7, 8, 9, 10, 12, 13, 14, 17, 18, 19, 20, 22, 25, 26, 27, 28, 29, 30, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 46, 47, 48, 49, 52, 53, 65, 66, 67, 68, 69, 71, 85, 103, 106

SUPPORTED 5G BANDS- n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n34, n38, n39, n40, n41, n46, n47, n48, n53, n65, n66, n67, n71, n77, n78, n80, n81, n82, n83, n84, n85, n86, n89, n90, n95, n97, n98, n100, n101, n256

VSWR- <2.00, max <3.00

BEAMWIDTH- 80°/80° ±15°

POLARIZATION- X (+/-45degrees)

IMPEDANCE- 50 Ω

Wi-Fi antenna specification

FREQUENCY- 2.40 - 2.50 GHz- 5.0 - 7.125 GHz

GAIN- 2.40 - 2.50 GHz : 6 dBi- 5.0 - 7.125 GHz : 7.5 dBi

VSWR- <1.70, max <2.00

BEAMWIDTH- 360°/25° ±5°

POLARIZATION- Vertical

IMPEDANCE- 50 Ω

MECHANICAL SPECIFICATION

MATERIALS- ABS, aluminum, PTFE, Fiberglass

CONNECTOR TYPE- RJ45

INGRESS PROTECTION- IP67

DIMENSIONS- 486.0 x 292.2 x 105.6 mm- 19.13 x 11.50 x 4.16 inch

WEIGHT- 2.8 kg- 6.17 lbs

OPERATING TEMPERATURE- From -40°C to 80°C- From -40°F to 176°F

MAST DIAMETER- 25-60mm- 0.98-2.36 inch

Specifications

Scan this QR code to
view the product
All details, up-to-date
prices and availability

