ACCESSORIES / ANTENNAS

360WB-5G-10P-TNC

Ten-port omnidirectional antenna for cellular and WiFi

Combine four cellular antenna ports and six WiFi antenna ports in one compact enclosure, with 360° horizontal coverage for compatible MIMO radio systems.

Four cellular RF ports

617-960 MHz and 1,710-6,000 MHz coverage for compatible LTE/5G radio equipment.

Six WiFi RF ports

2,400-2,500 MHz and 5,150-7,200 MHz coverage for 2.4, 5 and 6 GHz applications.

Compact outdoor integration

IP65 protection, a 201 mm diameter enclosure and ten 0.3 m RG178 RF leads.



REFERENCE PRODUCT VIEW[1]

10 PORTS	360°	IP65	1.5 kg
4 CELLULAR + 6 WIFI	HORIZONTAL COVERAGE	WEATHER PROTECTION	ANTENNA WEIGHT

One enclosure. Multiple radio connections.

Hybrid wireless systems

Connect the cellular and WiFi/WiMesh RF chains of compatible radio equipment.

Omnidirectional coverage

Provide 360° horizontal antenna coverage without sector-by-sector alignment.

Outdoor environments

Specified for operation from -40 to +55 °C and rated wind velocity of 36.9 m/s.

Passive antenna only. Radio operation, MIMO configuration and allowed frequencies depend on the connected equipment and local regulations. [1] Reference image shows the supplied SMA-connector version; see connector note on page 2.

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TECHNICAL SPECIFICATIONS

360WB-5G-10P-TNC

Electrical performance by antenna group

PARAMETER	CELLULAR / 4 PORTS	WIFI / 6 PORTS
Frequency ranges	617-960 MHz 1,710-6,000 MHz	2,400-2,500 MHz 5,150-7,200 MHz
Polarization	4 × linear	6 × linear
Peak gain[2]	3 dBi / 5 dBi	4 dBi / 6 dBi
Horizontal beamwidth	360°	360°
Typical efficiency[2]	54% / 60%	60% / 57%
Port isolation	>10 dB	>12 dB

Common electrical specifications

Impedance	50 Ω
VSWR	<2
Maximum input power	50 W
Lightning protection	DC ground

Mechanical & environmental

RF cables	10 × 0.3 m RG178
RF connectors[1]	10 × TNC (configuration to confirm)
Dimensions (Ø × H)	201 × 120 mm
Weight	1.5 kg
Weather protection	IP65
Rated wind velocity	36.9 m/s
Operating temperature	-40 to +55 °C

Ordering information

Product name	360WB-5G-10P-TNC
Model	OA25WB-GW5C6-10-TNC
Package contents	Available on request

1. The supplied reference datasheet specifies 10 × SMA-J connectors. The TNC configuration follows the requested LUCEOR model designation and remains to be confirmed. Product image shows the reference version.

2. Gain and efficiency values are given in the same order as the two frequency ranges in each antenna group. October 2026 / Refined edition.

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