ACCESSORIES / ANTENNAS

S90WB-4P-N

Wideband four-port sector antenna

A four-port sector antenna for compatible 4x4 MIMO radios, combining 19 dBi gain with wideband coverage from 5.15 to 7.125 GHz.



Four RF connections

Four N-female connectors for a compatible external radio.

Wideband operation

Covers 5 GHz and 6 GHz radio applications.

Adjustable pole mount

Fits 30-80 mm poles with mechanical tilt adjustment.

19 dBi	4x4	4 PORTS	90° x 4°
ANTENNA GAIN	MIMO	N-FEMALE	-6 dB BEAMWIDTH

An antenna for sector-based wireless networks.

Point-to-multipoint

Build sector coverage with a compatible radio and RF configuration.

MIMO integration

Match the four RF ports to the radio antenna-chain configuration.

Outdoor mounting

Adjust the mechanical tilt to suit the intended coverage area.

Antenna only. Radio, RF cabling and connector compatibility depend on the deployment configuration.

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TECHNICAL SPECIFICATIONS

S90WB-4P-N

Electrical

Frequency range	5.15-7.125 GHz
Gain	19 dBi
MIMO	4x4
RF connectors	4x N female
Polarization	Double dual slant (2V + 2H)
Beamwidth at -6 dB	90° x 4°
Front-to-back ratio	>25 dB
Port isolation	>30 dB
VSWR	Typical <1.5; maximum 2.0
Maximum power per port	50 W
Impedance	50 Ω
Lightning protection	DC ground

Mechanical

Dimensions (L x W x D)	700 x 250 x 60 mm
Weight	4.5 kg
Color	Gray
Reflector material	Aluminum
Mounting	Pole, 30-80 mm diameter
Mechanical tilt	+3° to -10°
Package dimensions	835 x 260 x 85 mm

Environment

Operating temperature	-50 to +70 °C
Operating humidity	≤95%
Wind loading	Operational: <145 km/h; survival: <209 km/h

Ordering information

Model	S90WB-4P-N
Package contents	Available on request

Use the antenna with a radio operating within its specified frequency range. Confirm RF cabling, polarization and connector configuration before installation.

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