



FEATURES

- › Meets class IP65 dust and water immersion protection standards
- › Wide range of beamwidths in one product
- › Includes Pole Mounting Hardware
- › Includes Two N-type to N-type LMR-195 1 meter coax cables
- › Ultra wideband frequency performance
- › High gain antenna in compact package
- › Low profile, rugged design for outdoor use
- › Lifetime Warranty

Antenna

Frequency Range	4.94 - 5.875 GHz
Polarization	Dual Linear, Vertical and Horizontal
Horizontal (AZ) Beamwidth	60° (at 3dB), 90° (at 3dB), 120° (at 6dB)
Gain (dBi)	18, 17, 16
Vertical (EL) Beamwidth	8.0°
VSWR 4.94 - 5.875 GHz	1.5:1 Typical
Front-to-Back Ratio	>25dBi
Cross Polarization	>25dBi
Sidelobe Level	>12dBi
Port to Port Isolation	>25dBi
Power Rating	20W
Impedence	50 ohms
Lightning Protection	DC Ground

Connectors

Antenna	2 × N-Type Jack
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Electrical & Mechanical

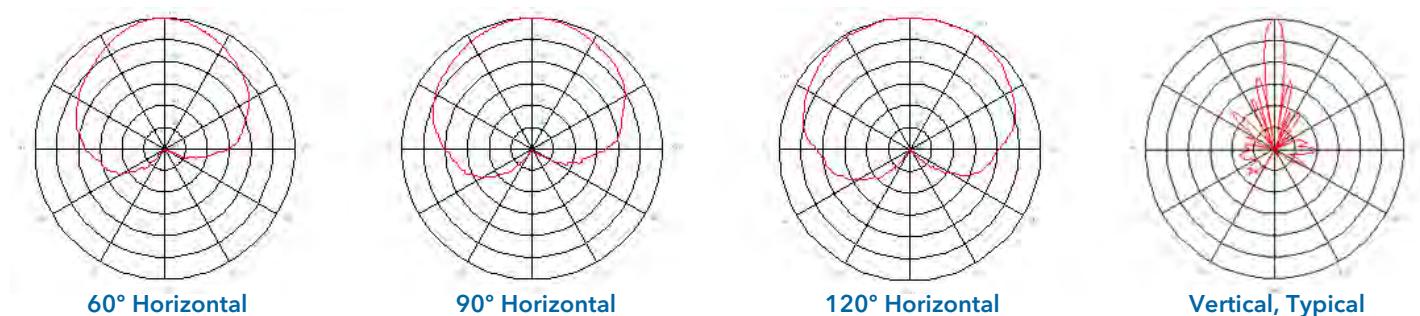
Size (L × W × H)	15 × 6.4 × 2.5 in. (38.1 × 16.26 × 6.35 cm) Excluding Bracket and Adjustment Slide
Pole Mount Diameter Range	2.0 to 2.75 in. (5.0 to 7.0cm)
Mechanical Downtilt	+15°/-30°
Unit Weight:	5lbs/2.3kg

Environmental

Radome	IP-65 UV stabilized ABS plastic
MTBF	>100,000 hours
Wind Survivability	125mph (201kph)
Wind Load	0.67ft²
Operating Temp	-45° C to +75° C
Storage Temp	-45° C to +85° C
Relative Humidity	5% to 95%

NOTE: In a continuing effort to improve and advance technology, product specifications are subject to change without notice.

RF PATTERNS



Part Number	Description
NWAVBSA1	External Dual Polarization Variable Beam Sector Antenna
Included Accessories	Mounting Hardware Kit, Two 1m long N to N-type outdoor cables included