

ANT-30 ANT. 2K25800
320.0084

MIMO Omni Antennas

Item
15-715

MIMO Omni Antenna, 5.8 GHz, 10 dBi

Electrical Specification

Frequency Range:	5150 - 5850 MHz
Gain:	10 dBi
Horizontal Bandwidth:	360°
Vertical Beamwidth:	12°
Front/Back Ratio:	N/A
Polarization:	Horizontal and Vertical
VSWR:	< 2.0 : 1
Impedance:	50 Ohms
Max. Input Power:	100W
Connector:	2 x N Female
Lightning Protection:	DC Ground

Mechanical Specification

Diameter:	φ3.3" x 19.7"
Weight:	1.8 Kg / 4 lbs
Wind Survivability:	130.49 Mph (210 Km/h)
Operating Temperature:	-40°C to 65°C
Mounting Method:	Mast
Reflector Material:	Aluminum Alloy
Radome Material:	UV Resistance PVC



Antenna Picture



TELETRONICS
INTERNATIONAL INC.

*Specifications Subject to Change without Notice

Teletronics International, Inc.
2 Choke Cherry Rd
Rockville, MD 20850

Tel: 301.309.8500
Fax: 301.309.8851
www.teletronics.com

Specifications

ANT. 582250PB - OMNI - MIMO
320.0096

Antenna Characteristics					
Model	RD-2G24	RD-3G26	RD-5G30	RD-5G30-LW	RD-5G34
Dimensions*	650 x 650 x 295 mm (25.6 x 25.6 x 11.61")	650 x 650 x 300 mm (25.6 x 25.6 x 11.81")	650 x 650 x 304 mm (25.6 x 25.6 x 11.97")	650 x 650 x 386 mm (25.6 x 25.6 x 15.2")	1050 x 1050 x 421 mm (41.34 x 41.34 x 16.57")
Weight**	9.8 kg (21.61 lb)	9.8 kg (21.61 lb)	9.8 kg (21.61 lb)	7.4 kg (16.31 lb)	13.5 kg (29.76 lb)
Frequency Range	2.3 - 2.7 GHz	3.3 - 3.8 GHz	4.9 - 5.8 GHz	5.1 - 5.9 GHz	4.9 - 5.8 GHz
Gain	24 dBi	26 dBi	4.9 GHz: 26 dBi 5 - 5.9 GHz: 30 dBi	30 dBi	4.9 GHz: 30 dBi 5 - 5.8 GHz: 34 dBi
HPOL Beamwidth	6.6° (3 dB)	7° (3 dB)	5° (3 dB)	5.8° (3 dB)	3° (3 dB)
VPOL Beamwidth	6.8° (3 dB)	7° (3 dB)	5° (3 dB)	5.8° (3 dB)	3° (3 dB)
F/B Ratio	28 dB	33 dB	34 dB	30 dB	42 dB
Max. VSWR	1.6:1	1.4:1	1.4:1	1.6:1	1.4:1
Wind Loading	787 N @ 200 km/h (177 lbf @ 125 mph)			790 N @ 200 km/h (178 lbf @ 125 mph)	1,779 N @ 200 km/h (400 lbf @ 125 mph)
Wind Survivability	200 km/h (125 mph)				
Polarization	Dual-Linear				
Cross-pol Isolation	35 dB Min.				
ETSI Specification	EN 302 326 DN2				
Mounting	Universal Pole Mount, Rocket Bracket, and Weatherproof RF Connectors Included				

* Dimensions exclude pole mount and Rocket (Rocket sold separately)

** Weight includes pole mount and excludes Rocket (Rocket sold separately)