

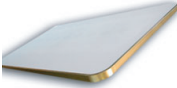












**5.8
GHz**

Sector & Omni Antennas

ANTENNA ITEM#	15-206	15-521	15-207	15-511	15-216
Type:	Omni	Omni	Sector	Sector	Sector
Electrical					
Frequency Band:	5.725 - 5.875GHz	5.725 - 5.85GHz	5.725 - 5.80GHz	5.725 - 5.80GHz	5.15 - 5.875 GHz
Gain:	12 dBi	12dBi	15 dBi 90deg	15 dBi 90deg	17 dBi 90deg
Maximum Input Power:	6W	5W	6W	50W	6W
Polarization:	Vertical	Vertical	Horizontal	Vertical	Vertical
AZ/EL Beamwidth:	360°/4.8°	360°/6°	90° +/- 6°	90° +/- 2°	90° +/- 9°
Front to Back Ratio:			30dB (max)	≥25dB	-35dB (max)
VSWR 50 Ohm:	1.7:1 (max)	<1.7	1.7:1 (max)	<1.5	1.7:1 (max)
Wind Load:	220 km/h	210 km/h	220 km/h	210 km/h	220 km/h
Mechanical					
Size:	D: 2" H: 27.2"	H: 28"	17.4" x 10" x 0.4"	15" x 10" x 1.8"	21.6" x 9.8" x 0.7"
Weight:	1.5 lbs	2.5 lbs	10 lbs	5 lbs	3.96 lbs
Connector:	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female
Mounting Kit/Style:	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount
Operating Temperature:	-45°C to 70°C	-40°C to 60°C	-45°C to 70°C	-40°C to 60°C	-45°C to 70°C
Material:	ABS	Fiberglass	ABS	ABS	ABS
Additional Features:	UV Resistant	UV Resistant	High Performance	Light weight	Light weight
					








Subscriber Antennas

ANTENNA ITEM#	15-543	15-544	15-204	15-205	15-208	15-201	15-209	15-213	15-214
Type:	Patch	Patch	Patch	Patch	Broadband Patch	Dish	Dish	Patch w/ Encl.	Patch w/Encl.
Electrical									
Frequency Band:	5.725 - 5.85GHz	5.725 - 5.85GHz	5.15 GHz - 5.875GHz	5.725 - 5.85GHz	5.1 - 5.85GHz	5.725 - 5.85GHz	5.725 - 5.85GHz	5.725 - 5.85GHz	5.15 - 5.875 GHz
Gain:	19 dBi	22dBi	23 dBi	28 dBi	28 dBi	29 dBi	32.5 dBi	23 dBi	26 dBi
Maximum Input Power:	200W	50W	6W	6W	6W	100W	100W	6W	6W
Polarization:	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor
AZ/EL Beamwidth:	16°	8°	9°	4.5°	4.5°	6°	4°	4.5°	4.5°
Front to Back Ratio:	>25 dB	>25 dB	32dB	40dB (max)	40dB (max)	25dB (min)	38dB (min)	40dB (max)	-30dB (max)
VSWR 50 Ohm:	<1.5	≤1.5	1.7:1 (max)	1.7:1 (max)	1.7:1 (max)	≤1.5:1	≤1.5:1	1.7:1	1.7:1 (max)
Wind Load:	210 km/h	210 km/h	220 km/h	220 km/h	220 km/h	125 m/h	125 m/h	220 km/h	220 km/h
Mechanical									
Size:	10.5" x 7.7" x 1.6"	12"x12"x0.8"	24" x 24" x 2"	24" x 24" x 2"	24" x 24" x 2"	Diameter: 25.5"	Diameter: 35.4"	24" x 24" x 2"	24" x 24" x 2"
Weight:	2.2 lbs	4 lbs	4 lbs	19 lbs	19 lbs	19 lbs	32 lbs	11 lbs	11 lbs
Connector:	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female
Mounting Kit/Style:	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole & Wall	Incl./Pole & Wall	Incl./Pole & Wall	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount
Operating Temperature:	-40° C to 60° C	-40°C to 60°C	-45°C to 70°C	-45°C to 70°C	-45°C to 70°C	-40°C to 70°C	-40°C to 70°C	-45°C to 70°C	-45°C to 70°C
Material:	ABS	ABS	ABS	ABS	ABS	Aluminum Alloy	Aluminum Alloy	ABS	ABS
Additional Features:	Light weight	UV Resistant ABS	Broadband Antenna	High Gain	Broadband Ant.	Powder Coated	Powder Coated	High Gain	Broadband Ant.
									

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Subscriber Antennas

ANTENNA ITEM#	15-211	15-212	15-215	15-561	15-563
Type:	Reflector	Reflector	Patch w/ Encl.	Dish	Dish
Electrical					
Frequency Band:	5.725 - 5.85GHz	5.725 - 5.85GHz	5.725 - 5.85GHz	5725 - 5850 MHz	5725 - 5850 MHz
Gain:	26 dBi	29 dBi	22 dBi	28 dBi	32dBi
Maximum Input Power:	100W	100W	50W	100W	100W
Polarization:	Vert/Hor	Vert/Hor	Vert/Hori	Vert/Hori	Vert/Hori
AZ/EL Beamwidth:	6°	4°/5°	8°/8°	6°/6°	
Front to Back Ratio:	30 dB	25 dB	>25 dB	≥ 36dB	>43 dB
VSWR 50 Ohm:	1.5:1	1.5:1	≤1.5	≤1.4	≤1.2
Wind Load:	125 mph	125 mph	210 km/h	210 km/h	125 km/h
Mechanical					
Size:	16.81" x 24"	28.5" x 36"	12" x 12" x 0.8"	24.5" (Diameter)	39.7" (Diameter)
Weight:	6 lbs	11 lbs	4 lbs	7.7 lbs	12.56 lbs
Connector:	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female
Mounting Kit/Style:	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount
Operating Temperature:	-40° C to 70° C	-40°C to 70°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C
Material:	ABS	ABS	ABS	Aluminum Alloy	Aluminum Alloy
Additional Features:	Light weight	UV Resistant ABS	UV Resistant ABS		
					

VERSION 0406