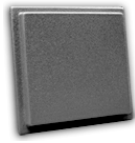





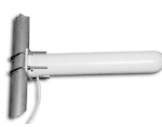




**2.4
GHz**



Subscriber Antennas

ANTENNA ITEM#	15-104	15-537	15-531	15-106	15-112	15-551	15-591	15-139	15-140
Type:	Patch	Patch	Patch	Patch	Grid	Grid	Yagi	Patch w/Encl.	Patch w/Encl.
Electrical									
Frequency Band:	2.4 - 2.5GHz	2.4 - 2.5GHz	2.4 - 2.5GHz	2.4 - 2.5GHz	2.4 - 2.5GHz	2.4 - 2.5GHz	2.4 - 2.5GHz	2.4 - 2.5GHz	2.4 - 2.5GHz
Gain:	13 dBi	15 dBi	18 dBi	19 dBi	18 dBi	24 dBi	15 dBi	15 dBi	19 dBi
Maximum Input Power:	30W	50W	50W	30W	50W	50W	100W	50W	50W
Polarization:	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor	Vert/Hor
AZ/EL Beamwidth:	38°	20°	22°/15°	18°	14°	7.5°	28°	20°	17°
Front to Back Ratio:	>30 dB	>25dB	>25dB	>30 dB	>20 dB	>30 dB	>18dB	26 dB	26 dB
VSWR 50 Ohm:	1.5:1 (max)	<1.5	<1.5	1.5:1 (max)	1.5:1 (max)	≤1.5:1 (max)	<1.5	1.5:1 (max)	1.5:1 (max)
Wind Load:	125 mph			125 mph	140 mph	140 km/h	210 km/h	125 mph	125 mph
Mechanical									
Size:	8.5" x 8.5" x 1"	10.6 x 7.6 x 1.7"	10.6 x 7.6 x 1.7"	15.4 x 15.4 x 1.1"	16 x 20 x 15"	39.37"x23.42"x7.8"	18"	12" x 12" x 7.5"	14.5" x 14.5" x 8"
Weight:	2 lbs	2.2 lbs	2.2 lbs	3.8 lbs	6.3 lbs	6.51 lbs	3 lbs	7 lbs	8.5 lbs
Connector:	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	Outdoor RJ-45	Outdoor RJ-45
Mounting Kit/Style:	Incl./Pole & Wall	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole & Wall	Incl./Pole Mount	Incl./Pole & Wall	Incl./Pole & Wall	Incl./Pole Mount	Incl./Pole Mount
Operating Temperature:	-45°C to 65°C	-40°C to 60°C	-40°C to 60°C	-45° C to 65° C	-45°C to 70°C	-40°C to 65°C	-40°C - +60°C	-45°C to 70°C	-45°C to 70°C
Material:	Plastic	ABS	ABS	ABS	Magnesium Alloy	Magnesium Alloy	PVC	ABS	ABS
Additional Features:	UV Stabilized	Light weight	Light weight	Flat design	Light weight	Low wind resistance	UV Stabilized	UV Stabilized	UV Stabilized
									

VERSION 0506

**2.4
GHz**










Subscriber Antennas

ANTENNA ITEM#	15-553	15-555						
Type:	Grid	Grid						
Electrical								
Frequency Band:	2400- 2.500 MHz	2400- 2.500 MHz						
Gain:	27 dBi	30 dBi						
Maximum Input Power:	100W	100W						
Polarization:	Vert/Hor	Vert/Hor						
AZ/EL Beamwidth:	7.5°	4.8°						
Front to Back Ratio:	>38 dB	≥37dB						
VSWR 50 Ohm:	≤1.4	<1.5						
Wind Load:	210 km/h	210 km/h						
Mechanical								
Size:	47.24" (Diameter)	70.86" (Diameter)						
Weight:	24.25 lbs	41.88 lbs						
Connector:	N-Type Female	N-Type Female						
Mounting Kit/Style:	Incl./Pole & Wall	Incl./Pole Mount						
Operating Temperature:	-40°C to 60°C	-40°C to 60°C						
Material:	Aluminum Alloy	Aluminum Alloy						
Additional Features:	Rust Resistant	Rust Resistant						
								

VERSION 0506

**2.4
GHz**

Sector & Omni Antennas

ANTENNA ITEM#	★ 15-117	15-121	15-502	15-122	15-124	15-138	15-130	15-136	15-533
Type:	Indoor Omni	Omni	Omni	Omni	Sector	Sector	Sector	Sector	Sector
Electrical									
Frequency Band:	2400 -2500 MHz	2.4-2.5GHz	2.4-2.5GHz	2.4-2.5GHz	2400-2483 MHz	2300-2500 MHz	2400-2483MHz	2400-2500MHz	2400-2500MHz
Gain:	5 dBi	9.9 dBi	11 dBi	12 dBi	19dBi 120deg	15dBi @ 60deg ★★	22dBi 140deg	17dBi 90deg	15.5dBi 120deg
Maximum Input Power:	10W	100W	150W	100W		100W		6W	300W
Polarization:	Vertical	Vertical	Vertical	Vertical	Horizontal	Vertical	Horizontal	Vertical	Vertical
AZ/EL Beamwidth:	Elevation: 38°	4.5°	9°	4.5°	8°/120°	14.5°/60-160°	3.5°/140°	80°/90°	7°/120°
Front to Back Ratio:						20dB (min)		-32dB (max)	≥ 21 dB
VSWR 50 Ohm:	<1.7	<1.5:1	<1.5	1.5:1 (max)	1.1:4	1.5:1 (max)	1.1:4	1.1:4	≤1.5
Wind Load:		150 mph		135 mph		125 mph		220 km/h	210 km/h
Mechanical									
Size:	D: 90mm H: 280mm	3' x 9"	43.3"	5' x 10"	41" x 4" x 1"	20.5" x 4.9" x 4.6"	56.75" x 4" x 1"	47.24" x 13" x 1.18"	42" x 6.2" x 3.5"
Weight:	0.75 lbs	4 lbs	2.15 lbs	5 lbs	6 lbs	6 lbs	7 lbs	12.12 lbs	8.8 lbs
Connector:	(Please see legend)	Integral N Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	N-Type Female	7/16DIN/ N-Female
Mounting Kit/Style:	Incl./Magnetic Wall	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount	Incl./Pole Mount
Operating Temperature:	-30°C to 60°C	-40°C to 60°C	-40° C to 60° C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-40°C to 60°C	-45°C to 70°C	-40°C to 60°C
Material:	Plastic	Fiberglass	Fiberglass Tube	Fiberglass	Aluminum	Aluminum	Aluminum	Plastic	ABS
Additional Features:	Magnetic Mount	Lightweight	Light weight	Lightweight	Rugged/Waterproof	UV Stabilized ASA	Adjustable Angle	Aluminum Base Plate	UV protected
									

VERSION 0506



Legend
 ★★ 15 dBi @ 60°, 13 dBi @ 90°, 12 dBi @ 120°, 10.5 dBi @ 160°
 ★ Item#: 15-117: w/ N Male Connector

Item#: 15-114: w/ Lucent Connector
 Item#: 15-115: w/ MMCX Connector
 Item#: 15-116: w/ MMXCRP Connector
 Item#: 15-117: w/ N Male Connector

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