

Specifications

Antenna Characteristics				
Model	AM-9M13	AM-2G15-120	AM-2G16-90	AM-3G18-120
Dimensions*	1290 x 290 x 134 mm (50.79 x 11.42 x 5.28")	700 x 145 x 93 mm (27.56 x 5.71 x 3.66")	700 x 145 x 79 mm (27.56 x 5.71 x 3.11")	735 x 144 x 78 mm (28.94 x 5.67 x 3.07")
Weight*	12.5 kg (27.56 lbs)	4.0 kg (8.82 lbs)	3.9 kg (8.6 lbs)	5.9 kg (13 lbs)
Frequency Range	902 - 928 MHz	2.3 - 2.7 GHz	2.3 - 2.7 GHz	3.3 - 3.8 GHz
Gain	13.2 - 13.8 dBi	15.0 - 16.0 dBi	16.0 - 17.0 dBi	17.3 - 18.2 dBi
HPOL Beamwidth	109° (6 dB)	123° (6 dB)	91° (6 dB)	118° (6 dB)
VPOL Beamwidth	120° (6 dB)	118° (6 dB)	90° (6 dB)	121° (6 dB)
Electrical Beamwidth	15°	9°	9°	6°
Electrical Downtilt	N/A	4°	4°	3°
Max. VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Wind Survivability	200 km/h (125 mph)	200 km/h (125 mph)	200 km/h (125 mph)	200 km/h (125 mph)
Wind Loading	658.3 N @ 200 km/h (148 lbf @ 125 mph)	169 N @ 200 km/h (38 lbf @ 125 mph)	133.4 N @ 200 km/h (30 lbf @ 125 mph)	146.8 N @ 200 km/h (33 lbf @ 125 mph)
Polarization	Dual-Linear	Dual-Linear	Dual-Linear	Dual-Linear
Cross-pol Isolation	30 dB Min.	28 dB Min.	28 dB Min.	28 dB Min.
ETSI Specification	N/A	EN 302 326 DN2	EN 302 326 DN2	EN 302 326 DN2
Mounting	Universal Pole Mount, RocketM Bracket, and Weatherproof RF Jumpers Included			

Antenna Characteristics				
Model	AM-5G16-120	AM-5G17-90	AM-5G19-120	AM-5G20-90
Dimensions*	367 x 63 x 41 mm (14.45 x 2.48 x 1.61")	367 x 63 x 41 mm (14.45 x 2.48 x 1.61")	700 x 135 x 73 mm (27.56 x 5.32 x 2.87")	700 x 135 x 70 mm (27.56 x 5.32 x 2.76")
Weight*	1.1 kg (2.43 lb)	1.1 kg (2.43 lb)	5.9 kg (13 lbs)	5.9 kg (13.01 lb)
Frequency Range	5.10 - 5.85 GHz	4.90 - 5.85 GHz	5.15 - 5.85 GHz	5.15 - 5.85 GHz
Gain	15.0 - 16.0 dBi	16.1 - 17.1 dBi	18.6 - 19.1 dBi	19.4 - 20.3 dBi
HPOL Beamwidth	137° (6 dB)	72° (6 dB)	123° (6 dB)	91° (6 dB)
VPOL Beamwidth	118° (6 dB)	93° (6 dB)	123° (6 dB)	85° (6 dB)
Electrical Beamwidth	8°	8°	4°	4°
Electrical Downtilt	4°	4°	2°	2°
Max. VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Wind Survivability	200 km/h (125 mph)	200 km/h (125 mph)	200 km/h (125 mph)	200 km/h (125 mph)
Wind Loading	41.7 N @ 200 km/h (9.375 lbf @ 125 mph)	41.7 N @ 200 km/h (9.375 lbf @ 125 mph)	137.9 N @ 200 km/h (31 lbf @ 125 mph)	182 N @ 200 km/h (41 lbf @ 125 mph)
Polarization	Dual-Linear	Dual-Linear	Dual-Linear	Dual-Linear
Cross-pol Isolation	22 dB Min.	22 dB Min.	28 dB Min.	28 dB Min.
ETSI Specification	EN 302 326 DN2	EN 302 326 DN2	EN 302 326 DN2	EN 302 326 DN2
Mounting	Universal Pole Mount, RocketM Bracket, and Weatherproof RF Jumpers Included			

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