

STANDARD INTEGRATED ANTENNA (P5055M-19-XX)

Frequency range:	4950-5850 MHz
Gain:	19 dBi +/- 1 dB from 5700-5850 18 dBi +/- 1 dB from 4950-5700
Front/Back Ratio	>30 dB
E-Plane Beamwidth:	> 18 degrees typical
H-Plane Beamwidth:	> 18 degrees typical
Polarization:	Vertical and Horizontal
Port/Port Isolation:	20 dB typ
Cross Pol Rejection:	20 dB typ
VSWR:	<1.7:1
Package:	Aluminum backplate with plastic radome.
Dimensions:	8.5" x 7.75" x 1.25" (216mm x 197mm x 32mm)
Weight:	2lbs (.91Kg)
Mounting Provisions:	Mounting kit supplied for up to 3" diam pole or flat surface
Azimuth/EI Adjust:	+/-30 degrees
Sealing:	Water tight to 1 meter IEC 529/IP67
Temp Range:	-40 deg F to +160 deg F (-40 deg C to +60 deg C)
Wind speed operational:	100 mph (160 km/hr)
Wind speed survival :	140 mph (220 km/hr)

STANDARD ANTENNA (P5055M-23-XX)

Frequency range:	4950-5850 MHz
Gain:	23 dBi +/- 1 dB dB from 5700-5850 22 dBi +/- 1 dB from 4950-5700
Front/Back Ratio	>35 dB
E-Plane Beamwidth:	> 9 degrees typical
H-Plane Beamwidth:	> 9 degrees typical
Polarization:	Vertical and Horizontal
Port/Port Isolation:	40 dB typ
Cross Pol Rejection:	25 dB typ
VSWR:	<1.7:1
Package:	Aluminum backplate with plastic radome.
Dimensions:	14.6"x 14.6"x 1.58" (371mm x 371mm x 40mm)
Weight:	5.5 lbs (2.5 kg)
Mounting Provisions:	Mounting kit supplied for up to 3" diam pole or flat surface
Azimuth/EI Adjust:	+/-30 degrees
Sealing:	Water tight to 1 meter IEC 529/IP67
Temp Range:	-40 deg F to +160 deg F (-40 deg C to +60 deg C)
Wind speed operational:	100 mph (160 km/hr)
Wind speed survival :	140 mph (220 km/hr)

Optional 2 Ft to 4' DIAM PRIME FOCUS DISH ANTENNA FOR P5010M- EXT, P5010M- EXT

Radiowaves model tested: 4 foot - SPD4-5.2

See Radiowaves, Inc. Specification for details .

2 and 3 foot diameter dual polarization antennas from this family may be used as well.

NOTE: No antenna with a gain lower than 27 dBi may be used since the DFS threshold will be too high to pass regulatory requirements.