

# BASE STATIONS



3.5 GHz 17.5/15 dBi outdoor planar array antenna for WLL and broad band access applications. Includes mounting hardware.



1900 MHz 12/9 dBi outdoor planar array antenna for WLL applications. Includes mounting hardware.



1900 MHz 14/12 dBi outdoor planar array antenna for WLL applications. Includes mounting hardware.

MODEL	FREQUENCY
R380.500.207	3.4-3.6 GHz

SPECIFICATIONS	
GAIN	17.5 dBi min. @ 3.5 GHz 15 dBi @ 3.5 GHz with 3m cable length <1.5:1 50 ohms
VSWR	
IMPEDANCE	
POLARIZATION	Linear Vertical
RADIATION PATTERN	Vertical Plane: 20° typical Horizontal Plane: 20° typical
CROSS POLARIZATION FRONT TO BACK RATIO	-17 dB Max
MAX INPUT POWER	-23 dB Max 20 Watts
OPERATING TEMP	-40° C to +90° C
INGRESS PROTECTION	IP55
COLOR	White
RADOME ENCLOSURE	UV resistant polypropylene
COAX CABLE CONNECTOR	Low loss 5/50 (SHF 142) SMA jack
DIMENSIONS	12.1"W x 12.1"H x 1.38"D
MOUNT	Cylindrical mast bracket (up to 1 5/8") Vertical orientation ± 30°

MODEL	FREQUENCY
R380.400.207	1.88-1.93 GHz

SPECIFICATIONS	
GAIN	12 dBi min. @ 1905 Mhz 9 dBi @ 1905 Mhz with 3m cable length <1.5:1 50 ohms
VSWR	
IMPEDANCE	
POLARIZATION	Linear Vertical
RADIATION PATTERN	Vertical Plane: 38° typical Horizontal Plane: 39° typical
CROSS POLARIZATION FRONT TO BACK RATIO	-20 dB Max
MAX INPUT POWER	-20 dB Max 20 Watts
OPERATING TEMP	-45° C to +90° C
INGRESS PROTECTION	IP55
COLOR	White
RADOME ENCLOSURE	UV resistant polypropylene
COAX CABLE CONNECTOR	RG58 SMA plug
DIMENSIONS	9.84"W x 8.27"H x 1.38"D
MOUNT	Cylindrical mast bracket (up to 1 5/8") Galvanized Steel Vertical orientation ± 30°

MODEL	FREQUENCY
R380.400.204	1.88-1.93 GHz

SPECIFICATIONS	
GAIN	14 dBi min. @ 1905 Mhz 12 dBi @ 1905 Mhz with 3m cable length <1.5:1 50 ohms
VSWR	
IMPEDANCE	
POLARIZATION	Linear Vertical
RADIATION PATTERN	Vertical Plane: 25° typical ±2 Horizontal Plane: 25° typical ±2
CROSS POLARIZATION FRONT TO BACK RATIO	-20 dB Max
MAX INPUT POWER	-20 dB Max 20 Watts
OPERATING TEMP	-45° C to +90° C
INGRESS PROTECTION	IP55
COLOR	White
RADOME ENCLOSURE	UV resistant polypropylene
COAX CABLE CONNECTOR	RG58 SMA plug
DIMENSIONS	12.1"W x 12.1"H x 1.38"D
MOUNT	Cylindrical mast bracket (up to 1 5/8") Vertical orientation ± 30°