

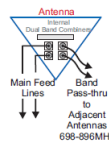
## AXP20-60-2ip

Xpol, 60° H-Beams, 1710-2170 MHz

- High Band Macro Cell Antenna
- Optional Internal Diplexers
- Suitable for LTE/CDMA/UMTS/GSM



Available with Integrated Diplexers and back mounted connectors, bottom mounted connectors are not available with Integrated Diplexers



### ELECTRICAL SPECIFICATIONS

Frequency Band, MHz	1710 MHz	1920 MHz	2170 MHz
Horizontal Beamwidth, 3dB points	61°	61°	57°
Gain, dBi	18.4	18.2	18.3
Vertical Beamwidth, 3dB points	5°	5°	5°
Front-to-Back at Horizon	>30 dB		
Upper Sidelobe Suppression, dB	< -18		
Polarization	Slant +/- 45		
Elect. Downtilt Range, 2° Increments	0-6°		
VSWR/Return Loss, dB	<1.40:1 / 15.6 dB		
VSWR / Return Loss w/ip	<1.50:1 / 14.0 dB		
Isolation Between Ports, dB, Minimum	< -28		
Intermodulation (2x20w)	typ -150 dBc		
Impedance, ohms	50		
Maximum Power Per Connector, CW (w)	250		

## MECHANICAL SPECIFICATIONS

Dimensions, Length/Width/Depth	93.0 x 6.7 x 4.6 in. (2362.2 x 170.18 x 116.84mm)
Antenna Dimensions with Opt-"ip"	96.0 x 6.7 x 4.6 in. (2438 x 170.18 x 116.84mm)
Input Connector (female)	Back 7/16 DIN or w/bot. opt.
Connector Torque	220-265 lbf-in (23-30 N-m)
Antenna Weight	28 lbs
Bracket Weight	13.2 lbs
RF Distribution	Printed Microstrip Substrate
Radome	Ultra High-Strength Luran
Weatherability	UV Stabilized, ASTM D1925
Radome Water Absorption	ASTM D570, 0.45%
Environmental	MIL-STD-810E
Wind Survival	150 mph
Front Wind Load @100mph	143 lbf (1638n)
Equivalent Flat Plate @100mph	2.86 sq-ft. (c=2)
Mounting Brackets	Fits 3.5 Inch Max. O.D. Pipe
Mechanical Down tilt Range	0-6°
Standard Bracket Kit	P/N 919032 ( Included )
Clamps/Bolts	Galvanized Steel/Stainless Steel

## ORDER INFORMATION

MODEL	DESCRIPTION
AXP20-60-2ip	X-Pol antenna with four (4) back DIN connectors w/ int. diplexers, 2° electrical downtilt
919049	Optional Bracket Kit, 3-Point, 6 deg D-tilt, For 4.5" OD Pole