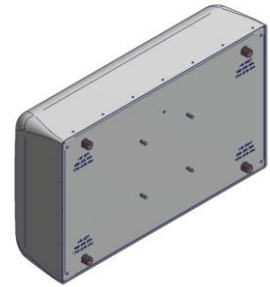
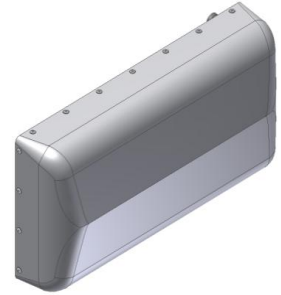


XEA-MB-134

Split Beam, $\pm 45^\circ$ Polarization, (2) 698-945 MHz & 1710-2180MHz Antennas, 24.3" Length, 34° Horizontal Pattern

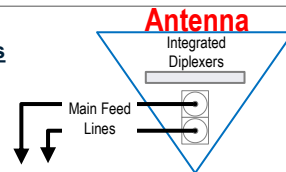
- Split beam, 2 sector MIMO Stadium Antenna reduces sector overlap
- Separate housing and reflector construction optimizes RF performance while maximizing mechanical strength
- Good Passive Intermodulation (PIM) performance reduces harmful interference
- Perfect for Stadium/Arena /Special Event coverage
- Includes flexible stadium bracket
- Suitable for LTE/CDMA/UMTS/GSM
- Optional Internal Diplexers reduce external cabling & improve aesthetics



Available with Integrated Diplexers

Reduces mainline cables

Eliminates external devices



ELECTRICAL SPECIFICATIONS

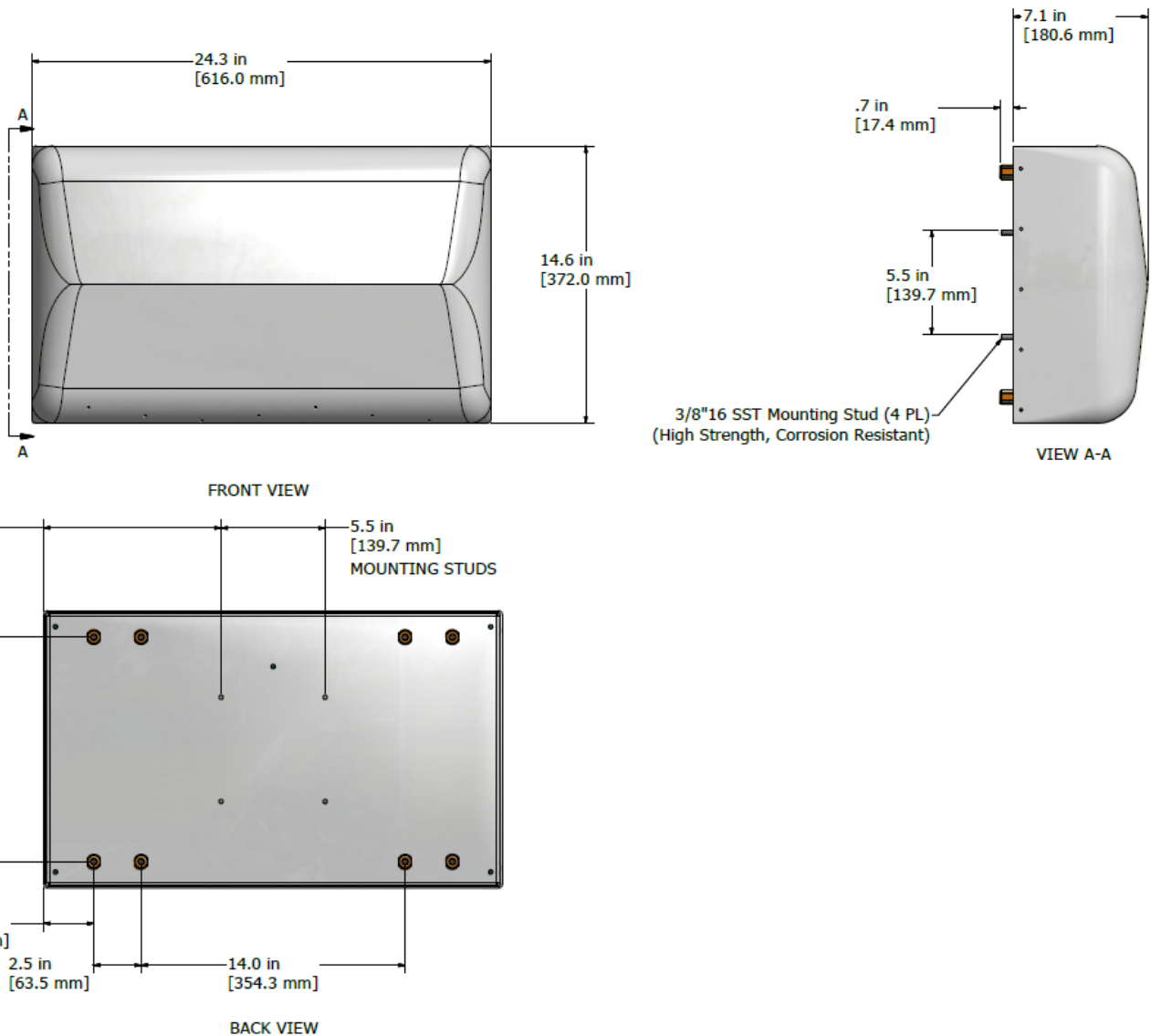
Frequency Band, MHz	698-824	824-945	1695-1850	1850-1990	1990-2180
Horizontal Beamwidth, 3dB points	39	34	38	35	33
Gain, dBi	9.7	10.4	9.8	10.6	11.0
Vertical Beamwidth, 3dB points	52°	46°	45°	42°	40°
Front-to-Back at 180°, dB	23	25	23	25	27
Polarization	$\pm 45^\circ$		$\pm 45^\circ$		
Electrical Downtilt Range	0°		0°		
VSWR/Return Loss, dB (maximum)	1.7:1/-11.7		1.7:1/11.7		
Isolation Between Ports, dB, (minimum)	-25		-25		
Intermodulation (2x20w), IM3, dBc, (maximum)	-150		-150		
Impedance, ohms	50		50		
Maximum Power Per Connector, CW	250		125		

MECHANICAL SPECIFICATIONS

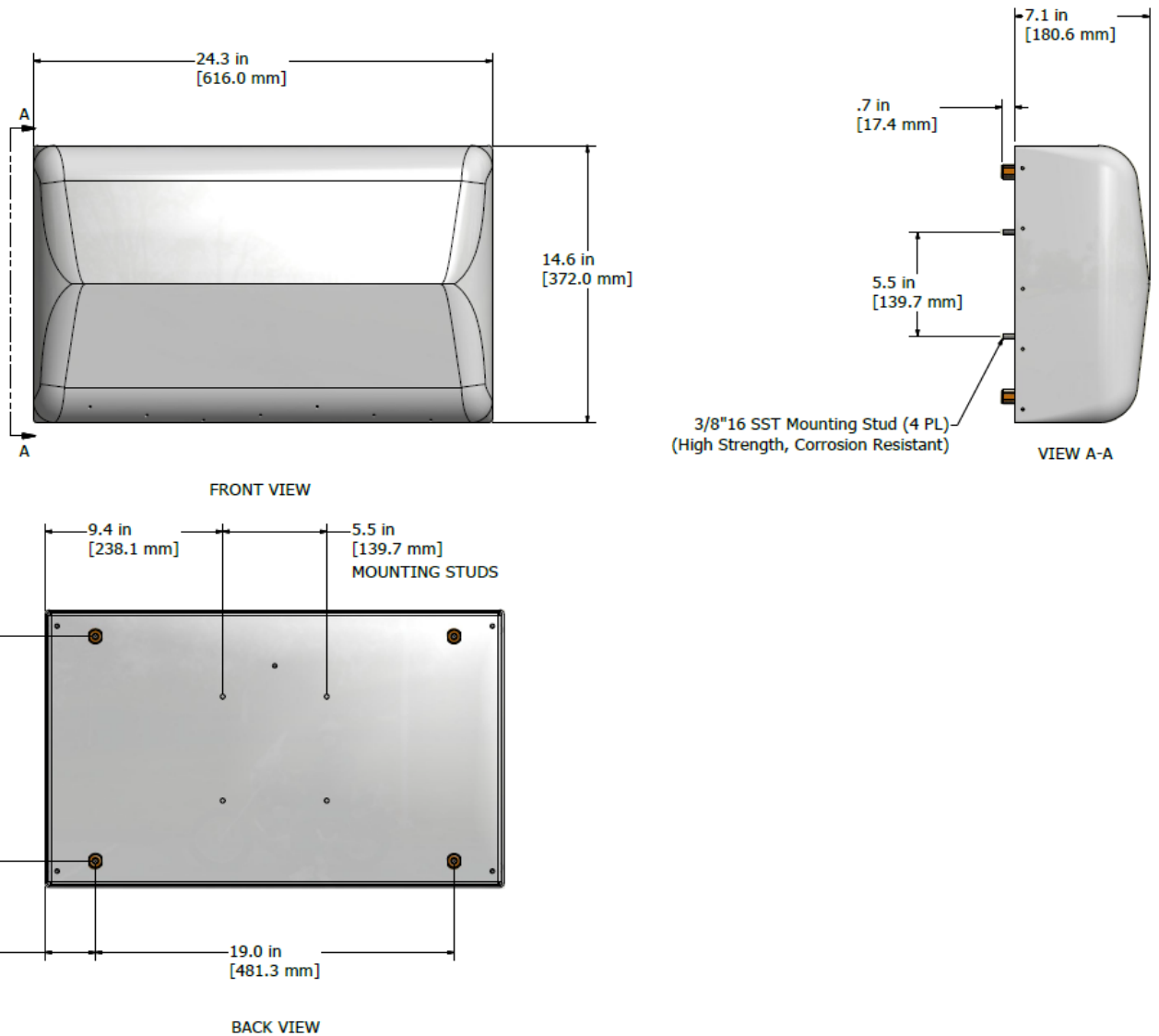
Dimensions, Length/Width/Depth	14.6/24.3/7.1 in (372.0/616.0/180.6 mm)
Connector (Quantity) Type	(4 or 8) 7-16 DIN Female
Connector Torque	220-265 lbf-in (23-30 Nm)
Connector Location	Back
Antenna Weight	15.0 lbs (6.8 kg)
Bracket Weight (Not included in Antenna Weight)	5.0 lb (2.3 kg)
Standard Bracket Kit	P/N 919050 (Included)
Mechanical Downtilt Range	+/- 35° Lateral & +/- 55° Vertical
Radome Material	High Strength Luran, UV Stabilized, ASTM D1925
Wind Survival	120 mph (193 km/h)
Front Wind Load	59.4 lbf (264.3 N) @100mph
Equivalent Flat Plate	1.18 sq-ft (c=2) @ 100mph

ORDER INFORMATION

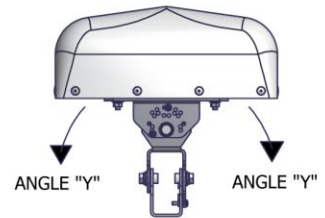
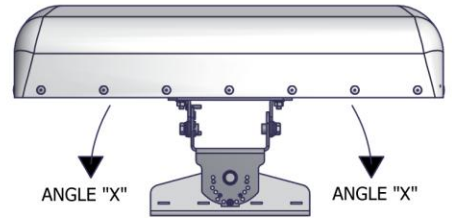
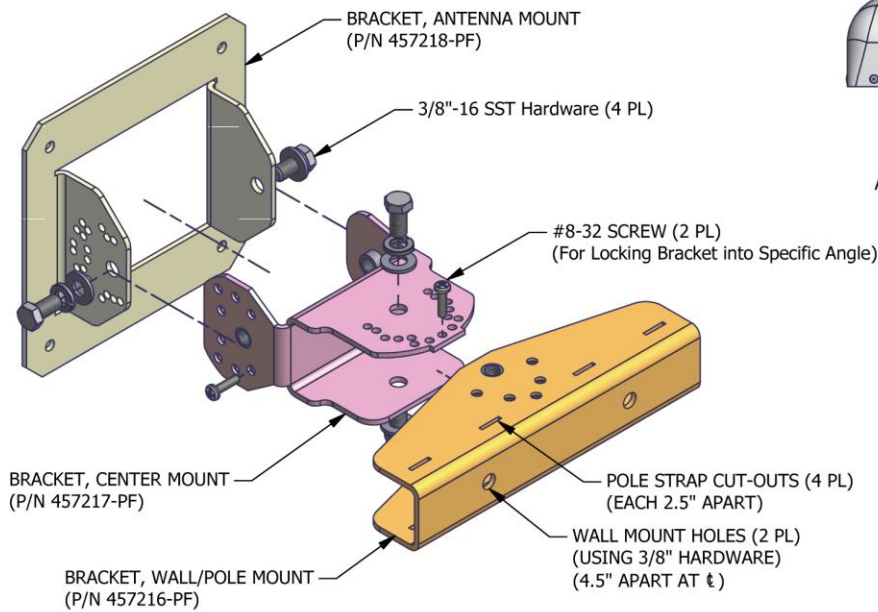
MODEL	DESCRIPTION
XEA-MB-134-00	X-Pol dual band, 0° electrical downtilt with eight (8) DIN connectors
XEA-MB-134-00-IP	X-Pol dual band, 0° electrical downtilt with four (4) DIN connectors, w/ internal duplexers

Mechanical Outline Drawing, XEA-MB-134

Mechanical Outline Drawing, XEA-MB-134-IP

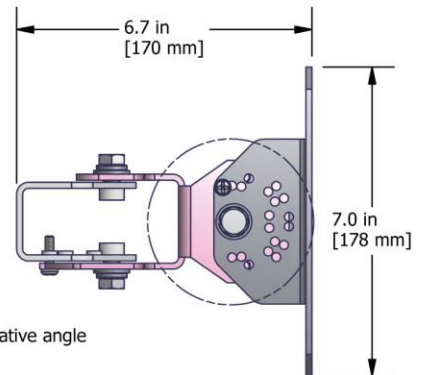
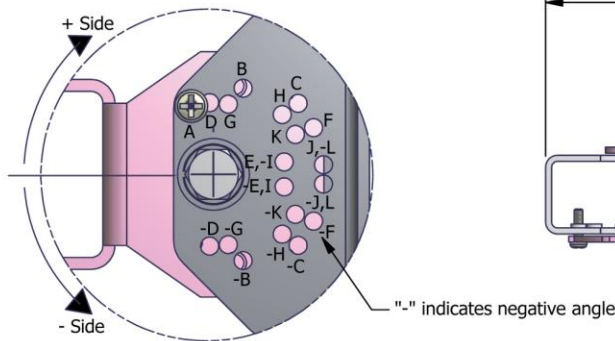


Standard Bracket Kit



Antenna Size	Maximum Angle (in degree)			
	Pole Mount		Wall Mount	
1' L x 1' W	35	55	35	55
1' L x 2' W	25	55	25	55
1' L x 3' W	20	55	20	55
2' L x 2' W	25	25	25	25

Mech. Downtilt Table	
Legend	Mech. Downtilt
A	0°
B	5°
C	10°
D	15°
E	20°
F	25°
G	30°
H	35°
I	40°
J	45°
K	50°
L	55°



Mech. Downtilt Table	
Legend	Azimuth Rotation
A	0°
B	5°
C	10°
D	15°
E	20°
F	25°
G	30°
H	35°

