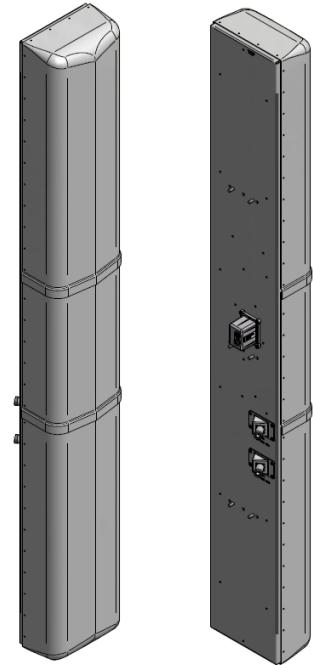


## X7C-880-V

X-Polarization, 698-896MHz, 96", 80° H-Beam Variable E-tilt, RET

- Macro Cell Antenna
- Suitable for LTE/CDMA/UMTS/GSM
- AISG 2.0 RET control



### ELECTRICAL SPECIFICATIONS

Frequency Band, MHz	698-824 MHz	824-896 MHz
Horizontal Beam width, 3dB points	79.2°	78.9°
Gain, dBi	15	15.0
Vertical Beam width, 3dB points	10.4°	9.5°
Front-to-Back at 180°, dB	> 26	
Upper Side lobe Suppression, Typical, dB	< -18	
Polarization	+/-45°	
Electrical Down tilt	0°-6° or 4-10°	
VSWR/Return Loss, dB, Maximum	1.5:1/14.0	
Isolation Between Ports, dB, Minimum	> 28	
Intermodulation (2x20w), IM3, dBc	-150	
Impedance, ohms	50	
Maximum Power Per Connector, CW (w)	500	

## MECHANICAL SPECIFICATIONS

Dimensions, Length/Width/Depth	96.0/12.5/7.3 in (2438/318/185 mm)
Connector (Quantity) Type	(2) 7-16 DIN Female
Connector Torque	220-265 lbf-in (23-30 N-m)
Connector Location	Back
Antenna Weight	40.0 lbs (18.2 kg)
Bracket Weight	18.2 lb (8.2 kg)
Standard Bracket Kit	P/N 919032 ( Included )
Mechanical Downtilt Range	0-6°
Radome Material	High Strength Luran, UV Stabilized, ASTM D1925
Wind Survival	150 mph (241 km/h)
Front Wind Load	233.7 lbf (1039.5 N)
Equivalent Flat Plate	4.67 sq-ft (c=2)

## RET INFORMATION

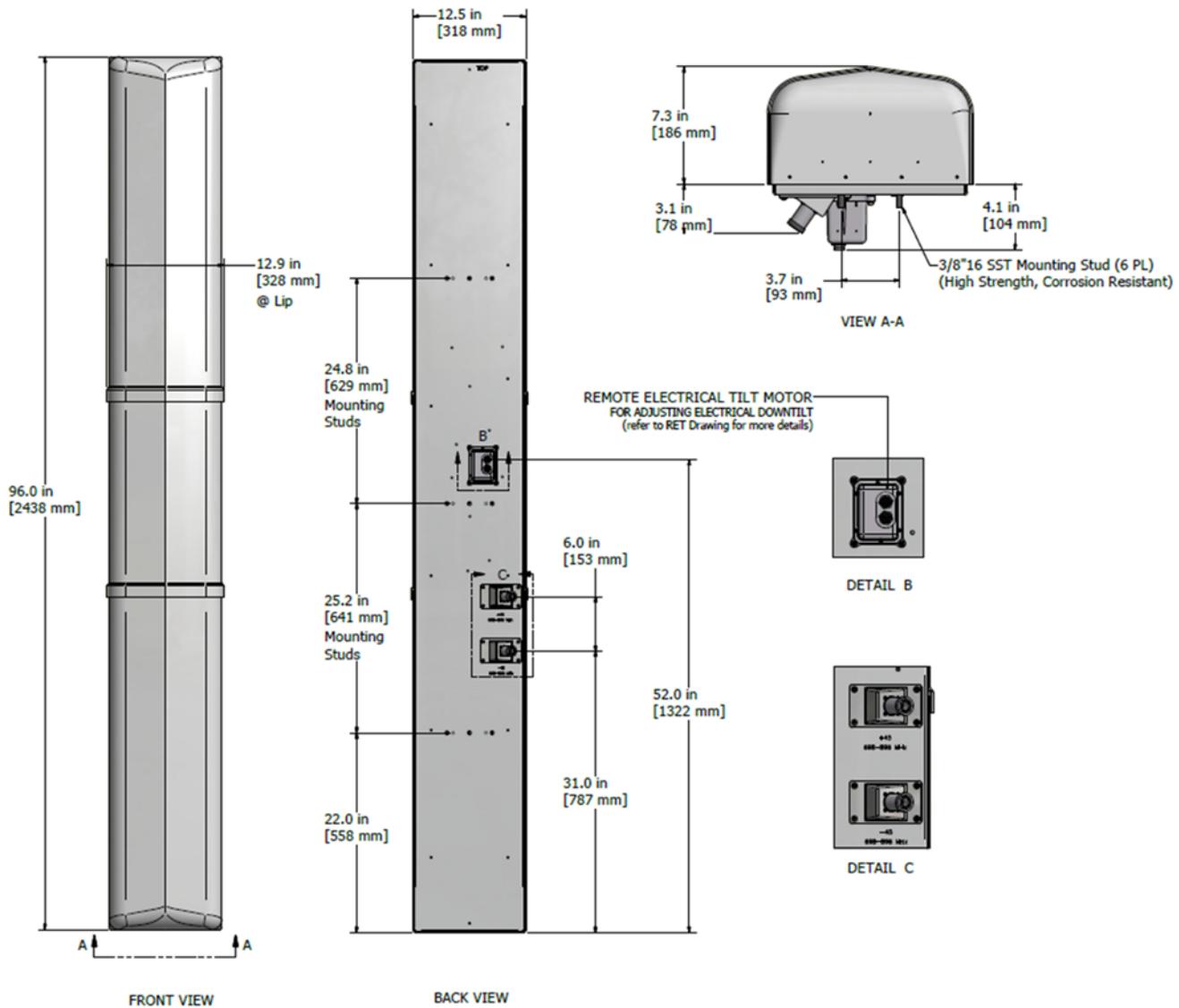
Model	RET-200
Mounting Location	Rear of Antenna
Weight	1.2 lb (0.54 kg)
Communication Standard	AISG 2.0
Control System	PCU-1000



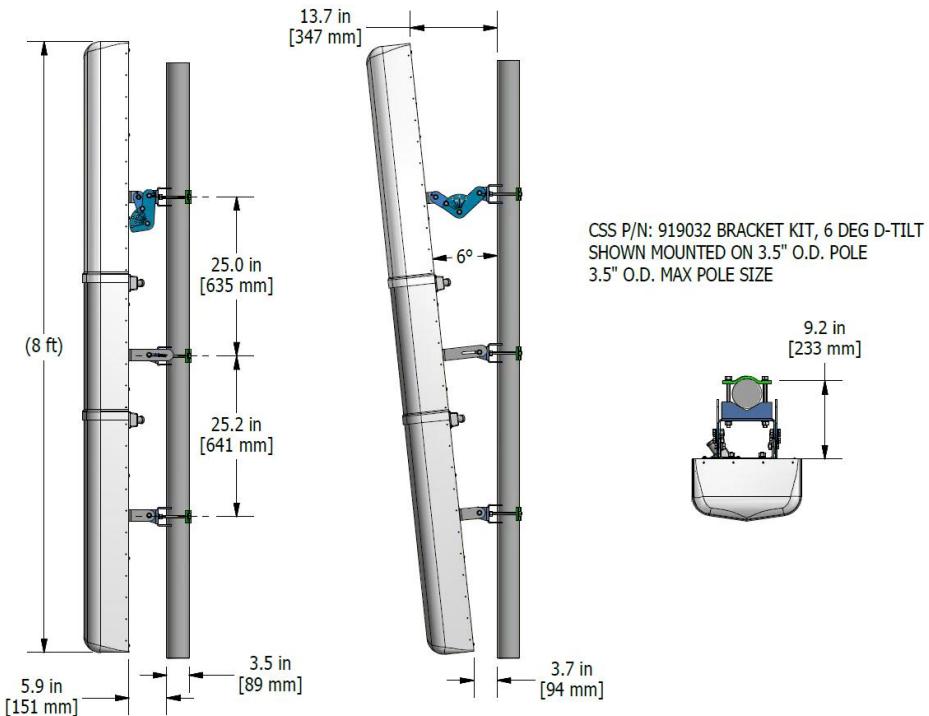
## ORDER INFORMATION

MODEL	DESCRIPTION
X7C-880-VR0	Antenna with remote RET adjust electrical downtilt 0-6°
X7C-880-VR4	Antenna with remote RET adjust electrical downtilt 4-10°
919049	Optional Bracket Kit, 3-Point, 6 degree D-tilt, For 4.5" OD Pole

## Mechanical Outline Drawing: RET Version



## Standard Bracket Kit



## Optional Bracket Kit

