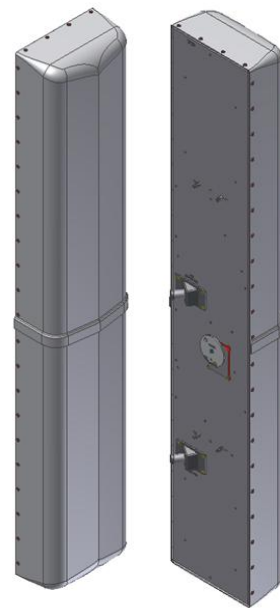


X7C-665-V

X-Polarization, 698-896MHz, 72", 60° 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 Beamwidth, 3dB points	69°	63°
Gain, dBi	15.4	16.2
Vertical Beamwidth, 3dB points	12.0°	10.1°
Front-to-Back at 180°, dB	>28	>28
Upper Sidelobe Suppression, Typical, dB	<-18	<-18
Polarization	+/-45°	
Electrical Downtilt	0-10° or 4-14°	
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	72/12.5/7.3 in (1829/318/186 mm)
Connector (Quantity) Type	(2) 7-16 DIN Female
Connector Torque	220-265 lbf-in (23-30 N-m)
Connector Location	Back
Antenna Weight	31.6 lbs (14.3 kg)
Bracket Weight	18.2 lb (8.2 kg)
Standard Bracket Kit	P/N 919011 (Included)
Mechanical Downtilt Range	0-12°
Radome Material	High Strength Luran, UV Stabilized, ASTM D1925
Wind Survival	150 mph (241 km/h)
Front Wind Load	175.3 lbf (779.6 N) @100mph
Equivalent Flat Plate	3.50 sq-ft (c=2) @ 100mph

RET INFORMATION

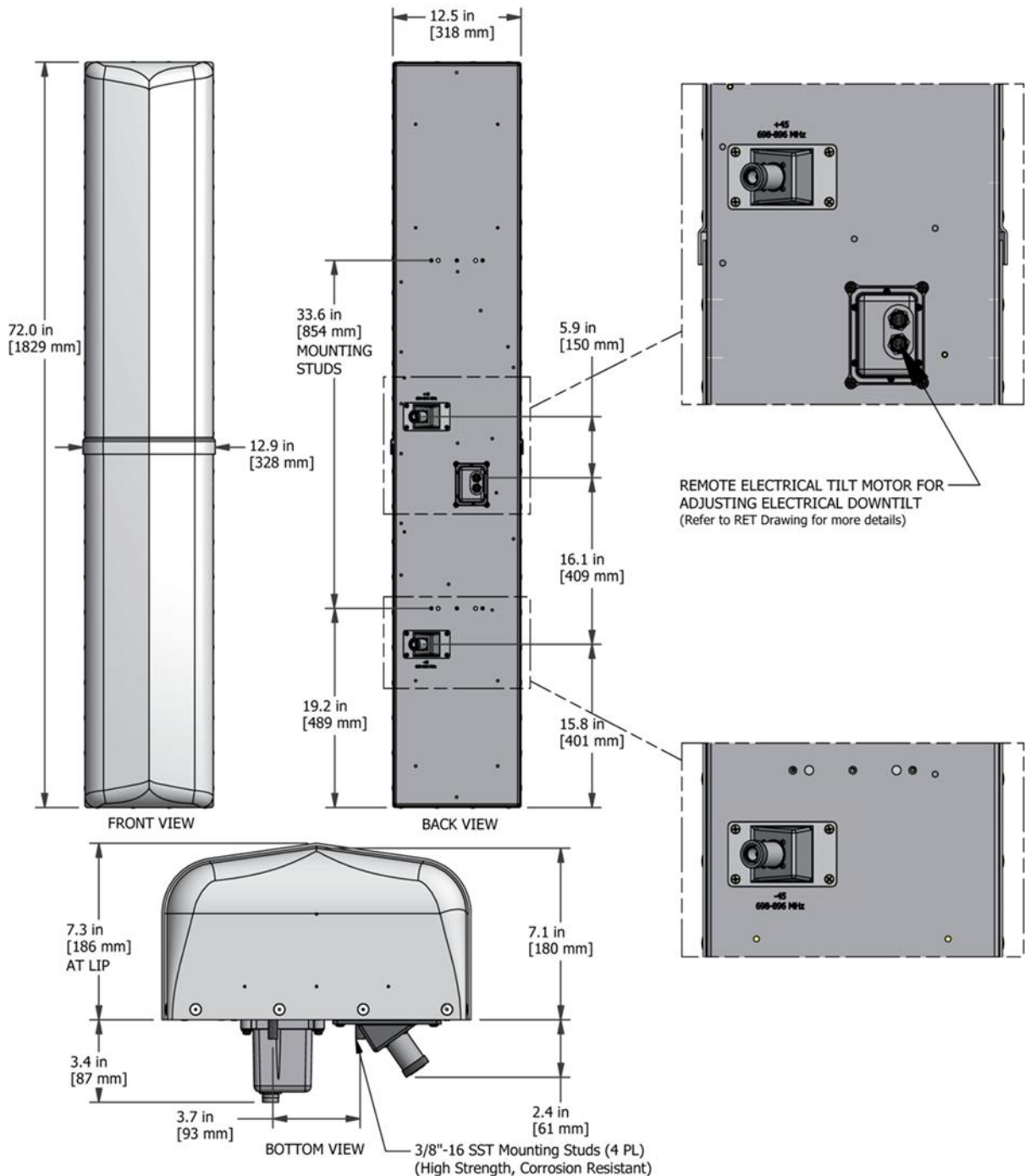
Model	RET-200
Mounting Location	Rear of Antenna
Weight	1.2 lb (0.54 kg)
Communication Standard	AISG 2.0
Control System	PCU-1000



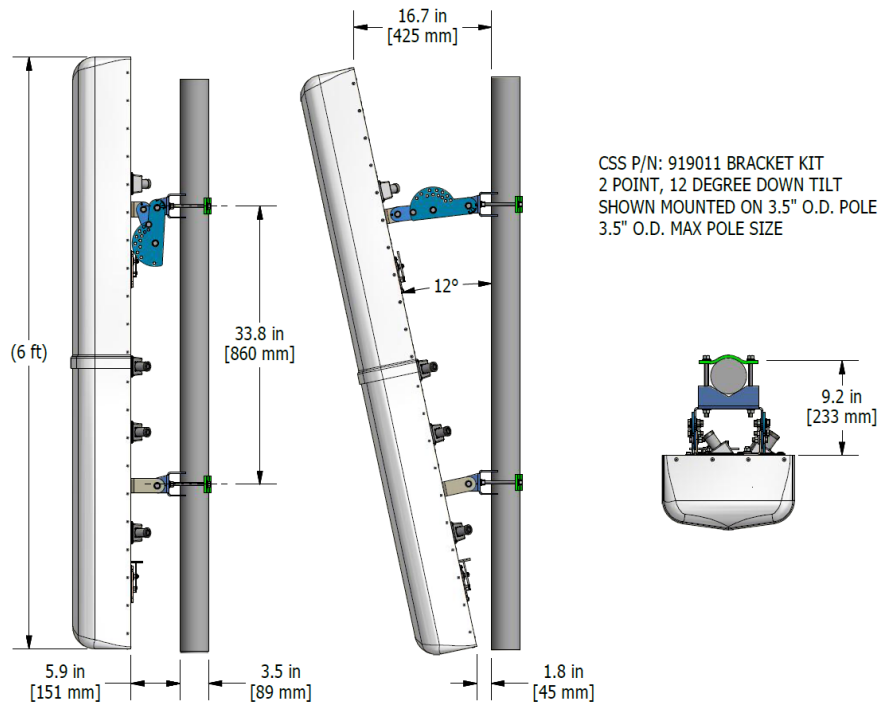
ORDER INFORMATION

MODEL	DESCRIPTION
X7C-665-VR0	Antenna with remote RET adjust electrical downtilt 0-10°
X7C-665-VR4	Antenna with remote RET adjust electrical downtilt 4-14°
919036	Optional Bracket Kit, 2-Point, 12deg D-tilt, For 4.5" OD Pole

Mechanical Outline Drawing: RET Version



Standard Bracket Kit



Optional Bracket Kit

