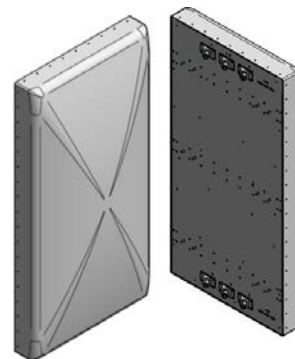


X7C-TB-622

X-Pol Triple Beam Antenna, 698-896MHz, 72", 22° Azimuth

- Forms 3 independent X Pol 22° Beams
- 3 Beam Array
- Deep Nulls between Beams
- Low Side Lobes



ELECTRICAL SPECIFICATIONS

Frequency Band, MHz	698-824	824-896
Horizontal Beamwidth, 3dB points	25	22
Gain, dBi	19.8	20.6
Vertical Beamwidth, 3dB points	12.2	10.8
Front-to-Back at 180°, dB	30	30
Upper Sidelobe Suppression, Typical, dB	18	18
Polarization	+/-45°	
Electrical Downtilt	0°	
VSWR/Return Loss, dB, Maximum	1.6:1/-12.7	
Intermodulation (2x20w), IM3, dBc	-150	
Impedance, ohms	50	
Maximum Power Per Connector, CW (w)	500	
Lightning Protection	DC Ground	

MECHANICAL SPECIFICATIONS

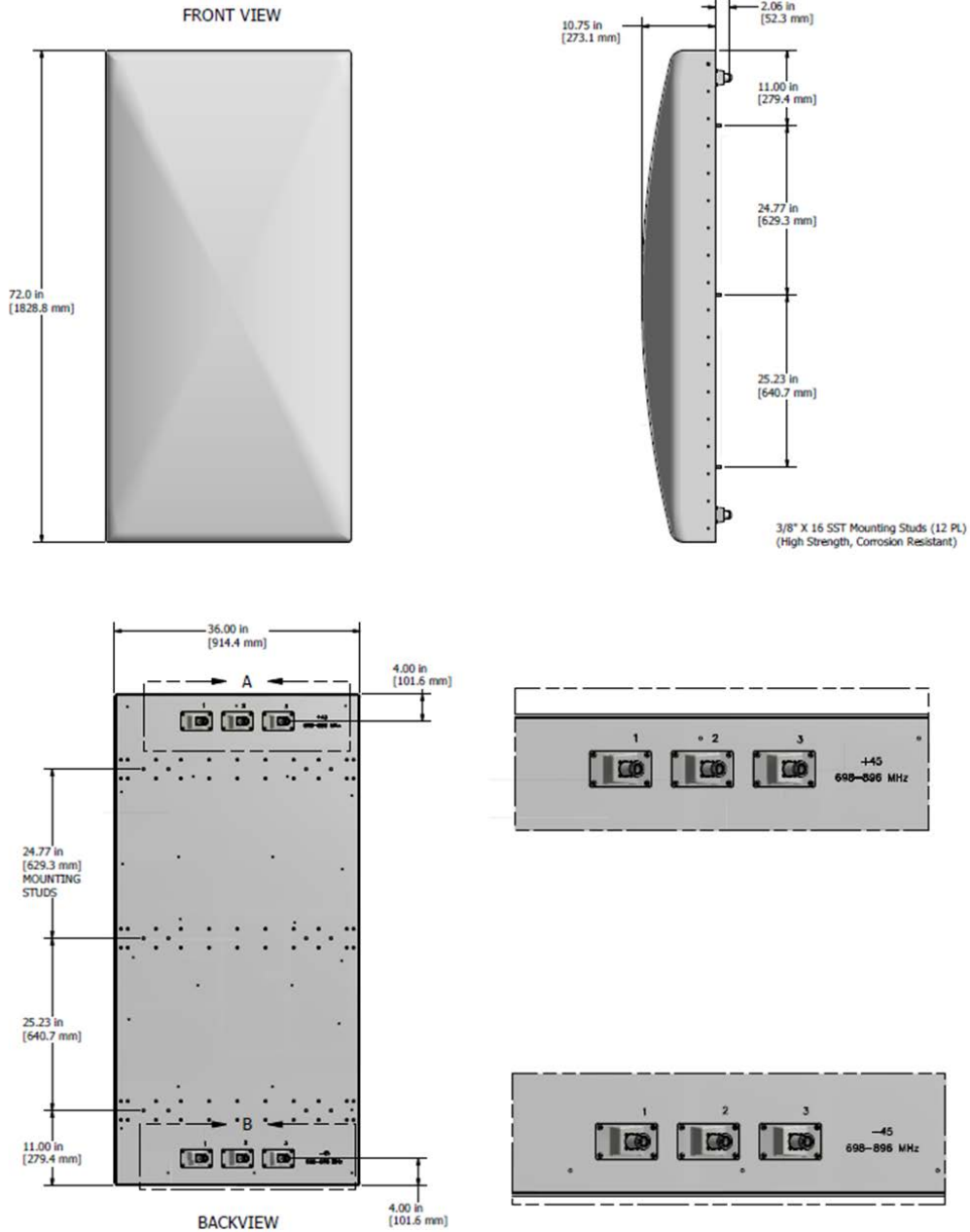
Dimensions, Length/Width/Depth	72.0/36/10.75 in (1828.8/914.4/273.1 mm)
Connector (Quantity) Type	(6) 7-16 DIN Female
Connector Torque	220-265 lbf-in (25-30 N-m)
Connector Location	Back
Antenna Weight	98.4 lb (44.6 kg)
Bracket Weight	(2) @18.2 lb (6.0 kg)
Standard Bracket Kit	919032 Qty.2 (Included)
Mechanical Downtilt Range	0-6°
Radome Material	Polyester Fiberglass
Wind Survival	140 mph (225 km/h)
Front Wind Load	447.66 lbf (1991.36 N) @100mph
Equivalent Flat Plate	8.91 sq-ft (c=2) @ 100mph

ORDER INFORMATION

MODEL	DESCRIPTION
X7C-TB-622	3 Beam 698-896Mhz, X-Pole Antenna

Mechanical Outline Drawing

X7C-TB-622



Standard Bracket Kit

