

**18-port 2 ft 65° Trisected Hex Antenna
with MET-controlled HB
(6) 698-960 MHz & (12) 1695-2700 MHz**

- X-pol, small cell Hex-Port antenna
- Suitable for pole or building mount
- 4x4 MIMO high-band
- 2x2 MIMO low-band
- 3-sectored configuration
- Dependent MET control for HB ports
- Suitable for LTE/UMTS/CDMA/GSM technologies
- Cost-effective solution for neutral host locations



nwav
technology

Electrical specification (minimum/maximum)	Ports 1, 2			Ports 3, 4, 5, 6				
Frequency bands, MHz	698-798	824-894	880-960	1695-1880	1850-1990	1920-2180	2300-2500	2500-2690
Polarization	± 45°			± 45°				
Average gain over all tilts, dBi	6.4	6.8	7.2	9.4	9.7	9.9	10.1	10.2
Horizontal beamwidth (HBW), degrees	65°			65°				
Vertical beamwidth, (VBW), degrees ¹	40°	35°	32°	15.7°	14.6°	13.7°	12.6°	11.7°
Electrical downtilt (EDT) range, degrees	2° (FET)			2-8° (MET)				
Minimum cross polar isolation, port-to-port, dB	25	25	25	25	25	25	25	25
Maximum VSWR/return loss, dB	1.5:1/ -14.0			1.5:1/ -14.0				
Maximum passive intermodulation (PIM), 2x 20 W carrier, dBc	-153			-153				
Maximum input power per any port, watts	250			125				

¹ Typical value over frequency and tilt

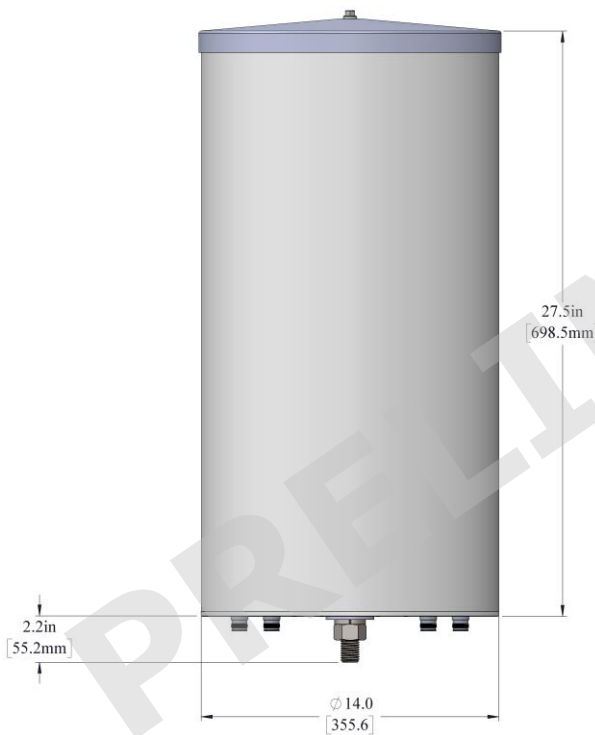
CX18TRI265-2T

NWATM X-Pol Trisector Antenna | 18-Port | 2 ft | 65°

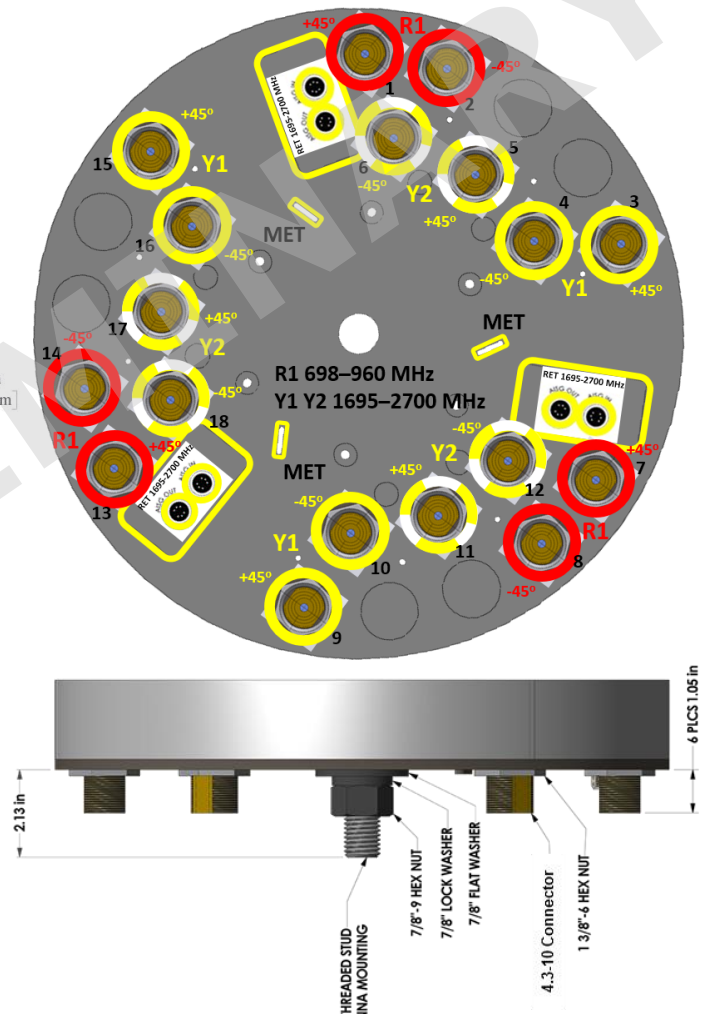
Mechanical specifications

Dimensions height/diameter, inches (mm)	27.5/14 (698.5/355)
No. of RF input ports, connector type & location	18 x 4.3-10 female, bottom
RF connector torque	96 lbf·in (10.85 N m or 8 lbf·ft)
Net antenna weight, lb (kg)	38.6 (17.5)
Rated wind survival speed, mph (km/h)	150 (241)
Frontal wind loading @ 160 km/h, lbf (N)	47.6 (211.5)
Equivalent flat plate @100 mph and Cd=2, sq. ft	0.96

Front view



End view



Ordering information

Antenna model	Description
CX18TRI265-2T	2F X-Pol HEX TRI 65° LB 2° FET, HB 2-8° MET, 4.3-10