

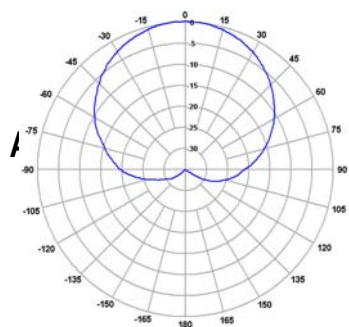
AM-X-WM-17-65-00T

Electrical DownTilt Antenna

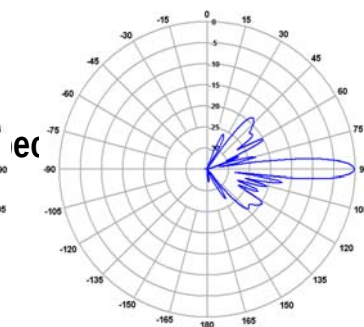
2496 ~ 2690MHz, X-pol., H65° / V7°

Electrical Specification

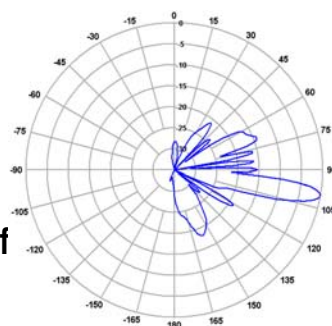
Frequency Range	2496~2690MHz	
Gain	17.5 dBi	
Beamwidth	Horizontal	65°
	Vertical	7°
Impedance	50Ω	
VSWR	≤1.35:1	
Polarization	Dual, Slant ±45°	
Upper 1 st Sidelobe Suppression	≥18 dB (@downtilt 0°)	
Front-to-Back Ratio	≥30 dB	
Adjustable Downtilt Range	0° ~ 10°	
Port-to-port Isolation	≥25 dB	
Passive Intermodulation, IM3	≤ -153 dBc	
Input Maximum CW Power	300 W	
Control Interface	AISG	



Horizontal Pattern



Vertical Pattern(Downtilt 0°)



Vertical Pattern(Downtilt 10°)

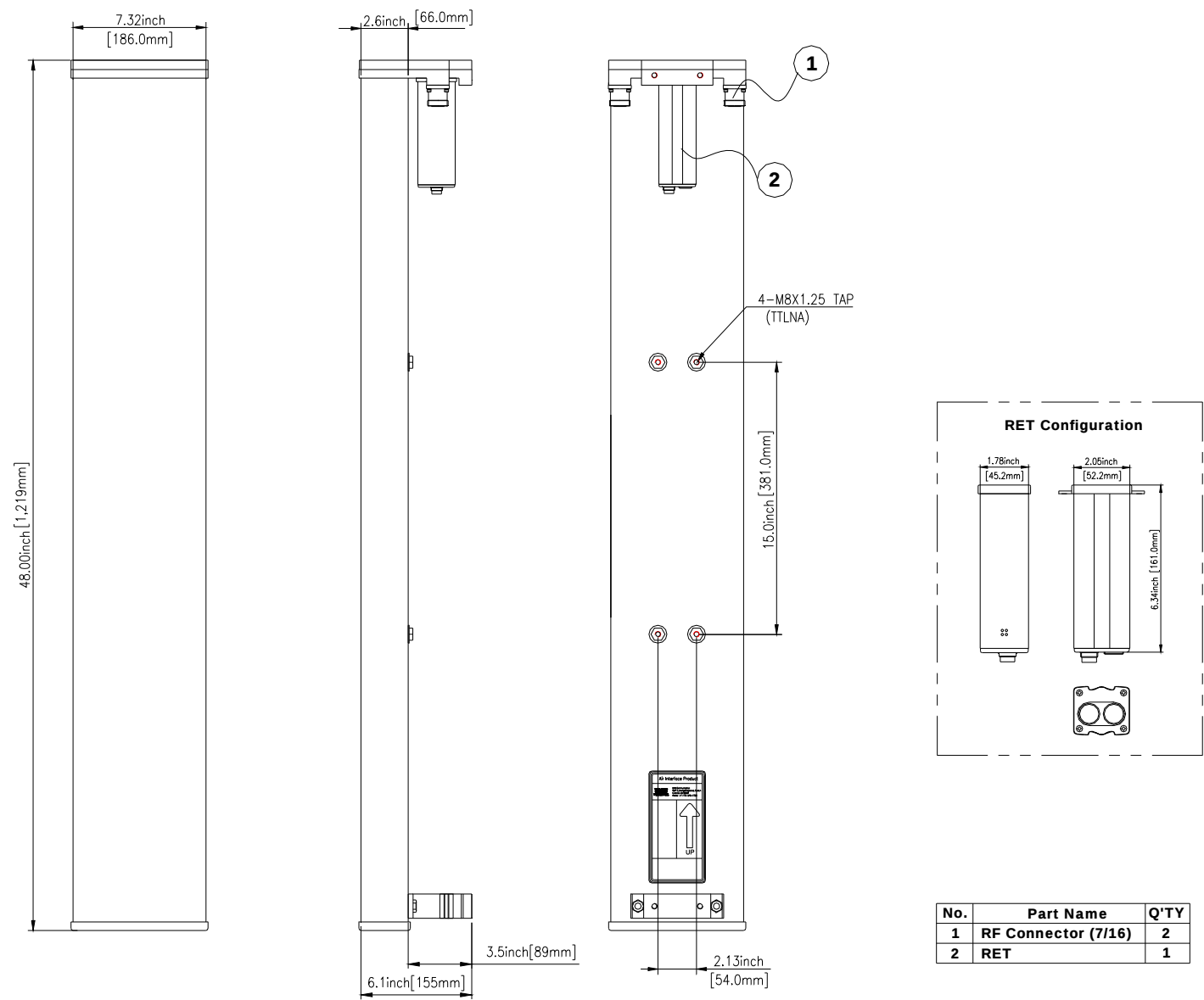
Dimension	Antenna (Without clamp)	7.32 × 2.6 × 48.00 inch
	RET	2.05 × 1.78 × 6.34 inch
Weight	Antenna (Without clamp)	14.2 lbs
	RET	1.33 lbs
	TTLNA (With BKT)	15.9 lbs
Connector	2 x 7/16 Din(F)	
Max Wind Speed	150mph (67m/s)	
Wind Load (@100 mph)	81.51 lbf (362.43 N)	

Dimension	Without BKT	7.32 x 3.30 x 11.89 inch
	With BKT	7.32 x 3.7 x 15.95 inch
Weight	Without BKT	15.2 lbs
	With BKT	15.9 lbs
Connector	4 x 7/16 Din(F)	

TTLNA Mechanical Specif

AM-X-WM-17-65-00T_ Antenna Drawings and Installation Diagram

Electrical DownTilt Antenna



AM-X-WM-17-65-00T_ Antenna Drawings and Installation Diagram

Electrical DownTilt Antenna

KMW Communications
Base Station Antennas
For Mobile Communications

NO	PART NAME	Q'TY	REMARKS
1	EDTA	1	
2	RET	1	
3	TTLNA	1	
4	RF CABLE	2	
5	AISG CABLE	1	
6	6ft JUMPER CABLE	2	
7	#2 AWG WIRE	1	
8	HEAT SHRINK TUBE	6	
9	CAUTION LABEL	2	
10	6ft JUMPER CABLE HANGER	2	

