

Frequency Range	617-894 / 1695-2690x4 3400-4200x2 / 5150-5925
Polarization	±45°
Half-Power Beam Width	360°
Electrical Downtilt	0° / 0° / 0° / 0°

Type CAN2-1LX7HX

Quasi-omni Canister Antenna

16-ports.617~894MHz/1695~2690MHz×4/3400~4200MHz×2/5150~5925MHz 6 / 10 / 6 / 6 dBi
0° / 0° / 0° / 0° Antenna.



Electrical Specifications

Frequency Range(MHz)	617-894	4x1695-2690			2x3400-3800	5150-5925
		1695-2180	2305-2360	2496-2690		
Polarization	±45°					
Horizontal Beamwidth(°)	360	360	360	360	360	360
Vertical Beamwidth(°)	40	17.5	14.5	13	34	22
Gain (dBi)	6	8.6	9.4	9.7	5.5	5.5
Electrical Downtilt(°)	0	0	0	0	0	0
VSWR	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5
Isolation: intra-system (dB)	≥20					
Isolation: inter-system (dB)	≥20					
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc	≤-150dBc			/	/
Impedance (Ω)	50					
Max. Power per Input (at 50°C ambient temperature)	100	100			50	10
Lightning Protection	DC Ground					

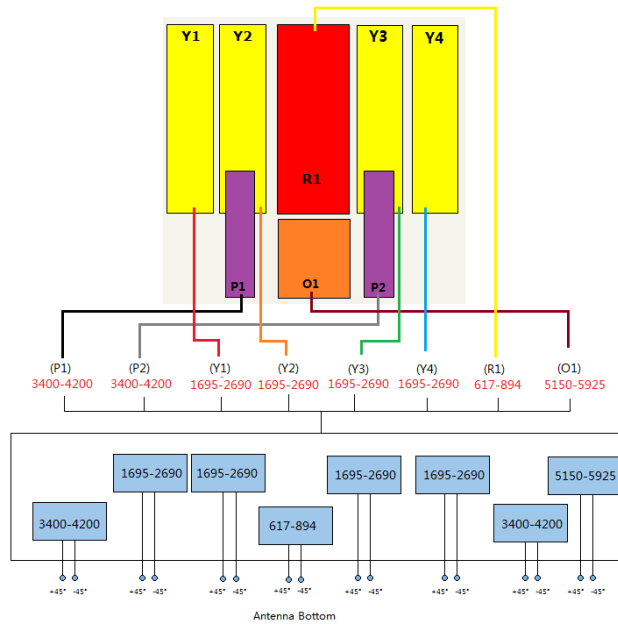


Mechanical Specifications

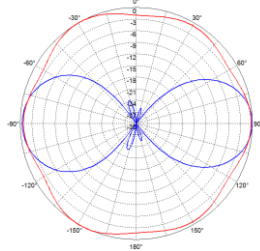
Radome Material	ASA
Connector Type and Location	16 x 4.3-10 Female (Bottom)
Dimensions,HxWxD(mm)/(inches)	600 x Φ405 /23.6 × Φ15.9
Packing Size(mm)/(inches)	900 x 485 x 485 /35.4 x19.1x19.1
Weight, w/o Mounting kit(kg)/(lbs)	13/28.6
Weight,w/ Fixed Bracket (kg)/(lbs)	19/41.8
Packing Weight (w/ Fixed Bracket) (kg)/(lbs)	25/55
Max. Wind Velocity(mph)	149
IP Grade	IPX5
Radome color	Gray
Operating temperature (°C)	-40~60
Operational Humidity(%)	≤95%
Wind Load at 100mph(N)	270

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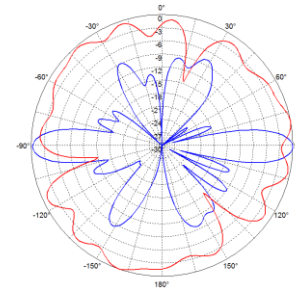
COMPREHENSIVE TILT CONFIGURATION



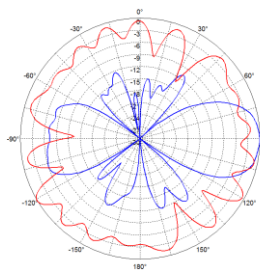
[Radiation Pattern]



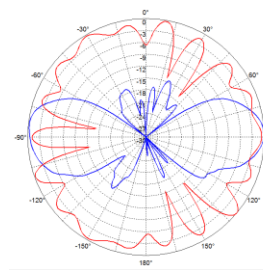
617-894MHz
(blue E-plane, red H-plane)



1695-2690MHz
(blue E-plane, red H-plane)



3400-4200MHz
(blue E-plane, red H-plane)



5150-5925MHz
(blue E-plane, red H-plane)