

Frequency Range	698-894 / 1695-2400x2 3400-4200x2 / 5150-5925
Polarization	±45°
Half-Power Beam Width	360°
Electrical Downtilt	0° / 0°- 20° / 0° / 0°

Type CAN2-1LX5HX

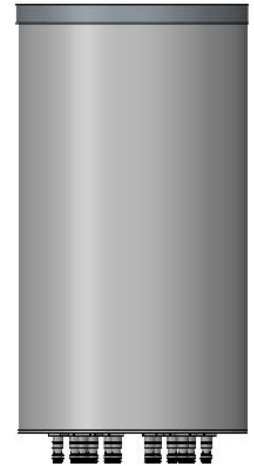
Quasi-omni Canister Antenna

X-Pol/XX-Pol/XX-Pol/X-Pol.698~894MHz/1695~2400MHz×2/3400~4200MHz×2/5150~5925MHz 5/8/4.1/5dBi
0° / 0°- 20° / 0° / 0° Antenna.



Electrical Specifications

Frequency Range(MHz)	698-894	1695-2400	3400-4200	5150-5925
Polarization	±45°			
Horizontal Beamwidth(°)	360	360	360	360
Vertical Beamwidth(°)	40	18	90	25
Gain (dBi)	5	9	4.1	7.5
Electrical Downtilt(°)	0	0-20	0	0
VSWR	≤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	30	10
Lightning Protection	DC Ground			



Mechanical Specifications

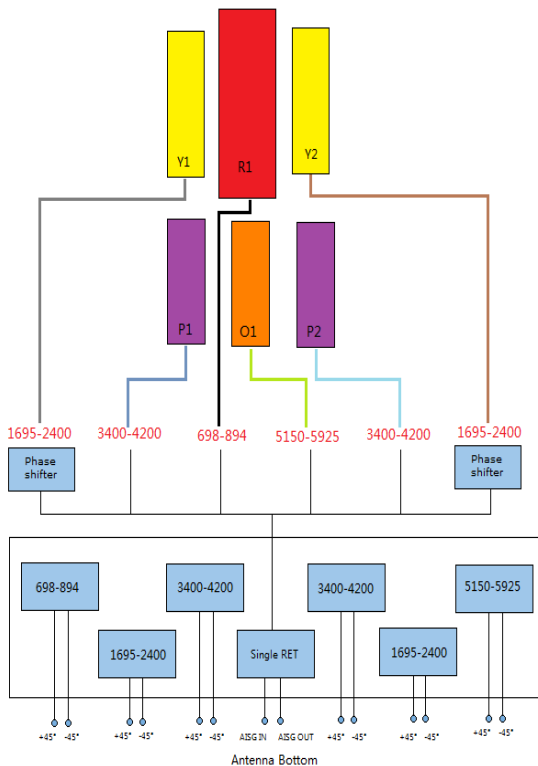
Radome Material	UPVC
Connector Type and Location	12 x 4.3-10 Female (Bottom)
Height×width×depth(mm)/(inches)	750×Φ380×/29.5×Φ14.9
Weight, w/o Mounting kit(kg)/(lbs)	25.0/55
Weight,w/ Fixed Barcket (kg)/(lbs)	31.5/69.3
Packing Weight (w/ Fixed Barcket) (kg)/(lbs)	35.5/78.1
Max. Wind Velocity(mph)	150
IP Grade	IPX5
Radome color	White
Operating temperature (°C)	-40~60
Operational Humidity(%)	≤95%
Wind Load at 100mph(N)	442

Frequency Range	698-894 / 1695-2400x2 3400-4200x2 / 5150-5925
Polarization	±45°
Half-Power Beam Width	360°
Electrical Downtilt	0° / 0°- 20° / 0° / 0°

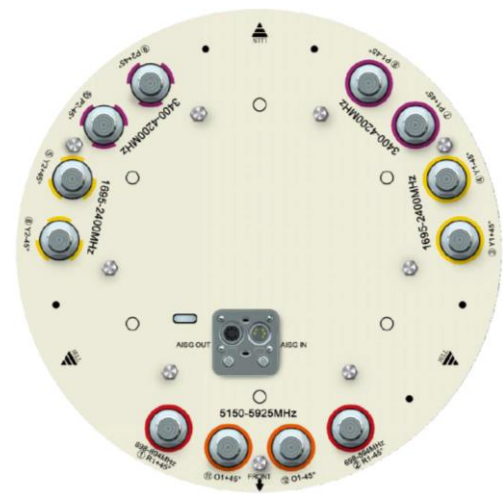
Integrated RET Properties

RET Type	2x Type 1 Single RET	
Protocols	AISG 2.0/3GPP release 10	
Input voltage range	10~30V DC (pin 1 or pin 6)	
Connectors	AISG	2 x8 pin connector acc. To IEC 60130-9 Acc.to AISG Daisy chain in:male Daisy chain out: female
	Antenna	Step motor (Embedded motor)
Hardware interface	AISG	RS485A/B (pin 5/pin 3);Power supply(pin 1/pin 6);
		DC return (pin 7) ACC .to AISG
Adjustment time (full range)	45 sec (typically, depending on antenna)	
Adjustment Cycles	≥50000	
Torque Max	≥200 mN.m	
Lightning Protection Rating	IEC 61000-4-5 Current Pulse Profile 8/20 us 10 Repetitions Min .@5kA	

COMPREHENSIVE TILT CONFIGURATION

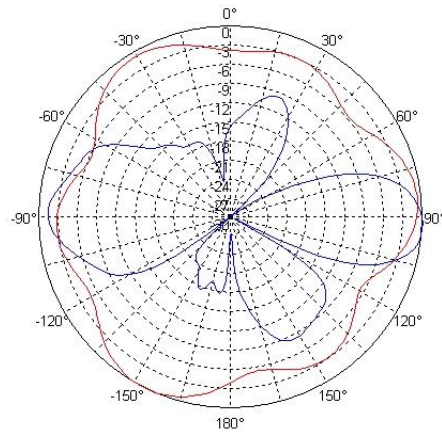


Frequency Range	Array	RET Unique ID
1695-2400MHz	Y1	NDPMXXXXXXXX-1724Y1
1695-2400MHz	Y2	NDPMXXXXXXXX-1724Y2
698-894	R1	-
3400-4200	P1	-
3400-4200	P2	-
5150-5925	O1	-

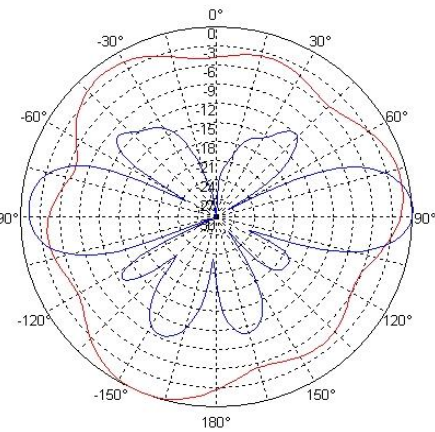


Frequency Range	698-894 / 1695-2400x2 3400-4200x2 / 5150-5925
Polarization	$\pm 45^\circ$
Half-Power Beam Width	360°
Electrical Downtilt	0° / 0°- 20° / 0° / 0°

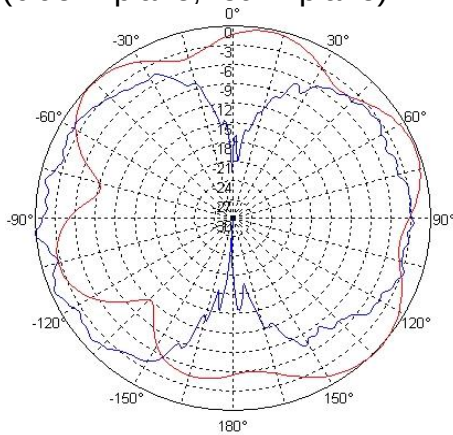
[Radiation Pattern]



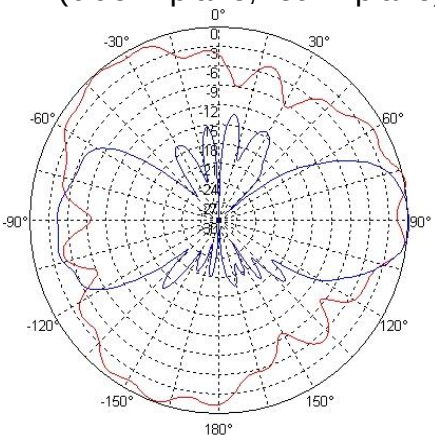
698-894MHz
(blue E-plane, red H-plane)



1695-2400MHz
(blue E-plane, red H-plane)



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



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