

XXXXPol 698~960MHz×2/1710~2690MHz×2 65°/65° 10.5/12.5dBi 0°/0° Fixed Electrical Downtilt Antenna,with Combiner Integrated

Electrical specifications

Frequency Range(MHz)	698~960			1710~2690		
	698~803	790~896	880~960	1710~1920	1920~2200	2300~2690
Polarization	±45°					
Gain (dBi)	9.3±0.3	9.6±0.4	10.5±0.3	11.8±0.5	12.0±0.3	12.5±0.5
Horizontal 3dB beamwidth (°)	70±3	67±2	66±2	66±8	62±3	60±6
Vertical 3dB beamwidth (°)	42±4	40±3	35±4	26±4	23±2	18±3
Front-to-back ratio (dB)	>20	>20	>24	>23	>23	>23
Cross-polar ratio (dB)	>16(±60°>10)	>15(±60°>10)	>15(±60°>10)	>15(±60°>8)	>15(±60°>8)	>16(±60°>7)
Electrical downtilt (°)	0			0		
VSWR	<1.8			<1.8		
Isolation: intra-system (dB)	≥21			≥21		
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc			≤-150 dBc		
Impedance (Ω)	50					
Max. power per input (W) @50°C	150			150		
Lightning protection	Dc Ground					

Mechanical specifications

Connector	4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	453×500×158
Packing size (mm)	755×620×330
Antenna weight (kg)	9.2
Installation kit weight (kg)	2
Packing weight (kg)	14.5
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

