

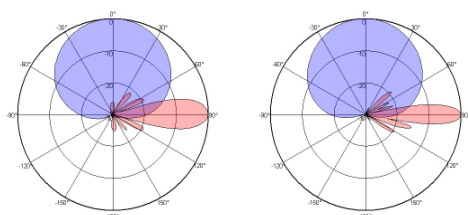
XXPol 698~960MHz/1710~2690MHz 65°/65° 13/15.5dBi 0°/0° Fixed Electrical Downtilt Antenna,with Combiner Integrated.

### 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)	11.5±0.4	11.9±0.4	12.5±0.3	14±0.7	14.5±0.7	15±0.5
Horizontal 3dB beamwidth (°)	69±4	67±4	65±6	62±7	60±5	58±5
Vertical 3dB beamwidth (°)	28±4	26±4	24±4	15±3	13.5±1.5	11.5±1
Front-to-back ratio (dB)	>21	>24	>25	>25	>25	>25
Cross-polar ratio (dB)	>16(±60°>10)	>15(±60°>10)	>15(±60°>10)	>15(±60°>8)	>15(±60°>8)	>16(±60°>6)
Electrical downtilt (°)	0			0		
VSWR	<1.5			<1.5		
Isolation: inter-system (dB)	≥21			≥21		
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc			≤-150dBc		
Impedance (Ω)	50					
Max. power per input (W) @50°C	150			150		
Lightning protection	DC Ground					

### Mechanical specifications

Connector	2x4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	753×300×146
Packing size (mm)	1065×400×280
Antenna weight (kg)	9.4
Installation kit weight (kg)	4
Packing weight (kg)	15.7
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



698~960MHz

1710~2690MHz

