

XXPol 1710~2700MHz/4800~4900MHz 65°/60° 8/8dBi 0°/0° Fixed Electrical Downtilt Antenna,with Combiner Integrated

Electrical Specifications			
Frequency range(MHz)	1710~2200	2200~2700	4800~4900
Polarization	±45°		
Gain (dBi)	≥8	≥8	≥8
Horizontal 3dB beamwidth (°)	65±15	63±7	59±8
Vertical 3dB beamwidth (°)	63±7	61±6	64±6
Horizontal 20dB beamwidth (°)	≤201	≤170	≤227
Vertical 20dB beamwidth (°)	≤180	≤166	≤170
Front-to-back ratio (dB)	≥20	≥20	≥15
Cross-polar ratio (dB)	≥17	≥20	≥14
Electrical downtilt (°)	0		
VSWR	≤1.8		
Isolation: intra-system (dB)	≥24		
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc		/
Impedance (Ω)	50		
Max. power per input (W) @50°C	100		
Lightning protection	Dc Ground		

Mechanical Specifications	
Connector	4×N-Female
Connector position	Bottom
Height×width×depth (mm)	360×160×81
Antenna weight (kg)	2.3
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

