

XXPol 698~960MHz 1710~2690MHz 65°/65° 7.5/8.5dBi Fixed Electrical Downtilt Antenna.

### Electrical specifications

Frequency Range(MHz)	698~960		1710~2690	
	698~806	806~960	1710~2170	2300~2690
Polarization	$\pm 45^\circ$			
Gain (dBi)	7.5	7.5	8.5	8.5
Horizontal beam centers (°)	75	75	65	62
Vertical 3dB beamwidth (°)	65	60	60	60
Front-to-back ratio (dB)	>15			
VSWR	<1.9			
Isolation: intra-system (dB)	$\geq 25$		$\geq 24$	
Intermodulation IM3 (2x43dBm carrier)	$\leq -150$ dBc			
Impedance ( $\Omega$ )	50			
Max. power per input (W) @50°C	50			
Lightning protection	DC Ground			

### Mechanical specifications

Connector	4x4.3-10 Female
Connector position	Bottom
Heightxwidthxdepth (mm)	275x228x107
Antenna weight (kg)	1.53
Radome material	ASA
Radome color	Gray
Operating temperature (°C)	-50~65

