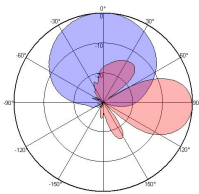


XPol 1710~2690MHz 65° 13.5dBi 0° Fixed Electrical Downtilt Antenna
Electrical Specifications

Frequency range(MHz)	1710~2690			
	1710~1920	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	12.3±0.3	12.5±0.3	12.8±0.3	13.2±0.4
Horizontal 3dB beamwidth (°)	67±2.6	66±2.8	65±3.2	63±3.8
Vertical 3dB beamwidth (°)	26±1.8	24±1.6	21±1.5	19±1.3
Front-to-back ratio (dB)	>23	>25	>23	>22
Cross-polar ratio (dB)	>18(±60°>12)	>19(±60°>15)	>18(±60°>12)	>18(±60°>10)
Electrical downtilt (°)	0			
Sidelobe suppression (dB) (First sidelobe above main beam)	>14	>14	>15	>13
VSWR	≤1.5			
Isolation: intra-system (dB)	≥25			
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	200			
Lightning protection	Dc Ground			

Mechanical Specifications

Connector	2×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	345×160×80
Packing size (mm)	600×220×155
Antenna weight (kg)	1.99
Installation kit weight (kg)	1.51
Packing weight (kg)	4
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	41/10/53
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~70
Mounting hardware (mm)	Φ50~Φ115



1710~2690MHz

