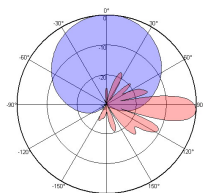


XPol 1710~2690MHz 65° 15.5dBi 3° Fixed Electrical Downtilt Antenna
Electrical Specifications

Frequency range(MHz)	1710~2690			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain (dBi)	15.3±0.3	15.6±0.3	15.8±0.3	15.6±0.4
Horizontal 3dB beamwidth (°)	66±3	63±2	61±2	59±1
Vertical 3dB beamwidth (°)	14.1±0.9	12.6±1.2	11.1±0.5	10.2±0.3
Front-to-back ratio (dB)	>30	>28	>28	>26
Cross-polar ratio (dB)	≥20 (±60°≥12)	≥22 (±60°≥10)	≥20 (±60°≥10)	≥22 (±60°≥10)
Electrical downtilt (°)	3			
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>18	>17	>16
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-153 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)	650×160×80
Packing size (mm)	1145×215×155
Antenna weight (kg)	3.4
Installation kit weight (kg)	4.1
Packing weight (kg)	8.6
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	112/40/133
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



1710~2690MHz

