

XXPol 1710~2690MHz/3300~3800MHz 65°/65° 12.3/12.5dBi 0°/0° Fixed Electrical Downtilt Antenna,with Combiner Integrated

Electrical Specifications						
Frequency range(MHz)	1710~2690				3300~3800	
	1710~1920	1920~2200	2200~2500	2500~2690	3300~3600	3600~3800
Polarization	±45°					
Gain (dBi)	10.5±0.5	11±0.5	11.8±0.5	12±0.5	11.8±0.5	12.5±0.5
Horizontal 3dB beamwidth (°)	67±5	65±5	63±5	60±5	66±4	63±4
Vertical 3dB beamwidth (°)	38±3	36±3	32±3	30±3	25±3	20±3
Front-to-back ratio (dB)	>24	>25	>24	>25	>24	>25
Cross-polar ratio (dB)	>15(0°)	>15(0°)	>15(0°)	>15(0°)	>15(0°)	>15(0°)
Electrical downtilt (°)	0				0	
VSWR	≤1.5				≤1.5	
Isolation: intra-system (dB)	≥25				≥25	
Intermodulation IM3 (2×43dBm carrier)	≤150dBc				≤-150 dBc	
Impedance (Ω)	50				50	
Max. power per input (W) @50°C	200				150	
Lightning protection	Dc Ground					

Mechanical Specifications	
Connector	2×4.3-10 Female
Connector position	Bottom
Height×width×depth (mm)	405×160×80
Packing size (mm)	586×225×170
Antenna weight (kg)	2.2
Installation kit weight (kg)	1.5
Packing weight (kg)	4.8
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	75/38/84
Max. wind velocity (km/h)	216
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

