

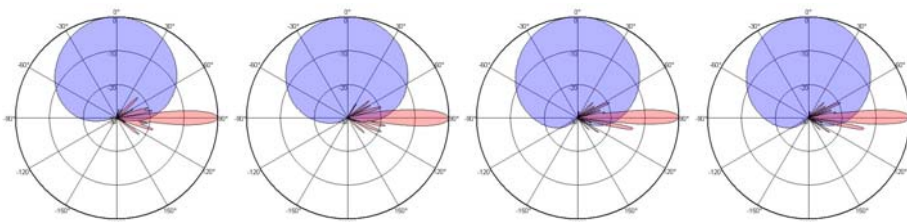
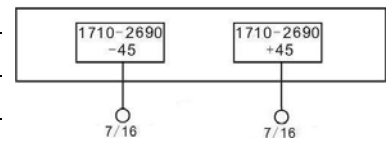


XPoI 1710~2690MHz 65° 18dBi Adjustable Electrical Downtilt Antenna, Manual or by optional RCU (Remote Control Unit)

Electrical specifications				
Frequency range (MHz)	1710~1880	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	17.3	17.5	17.7	18
Electrical downtilt (°)	0~10	0~10	0~10	0~10
Half-power beam width (°)	Hor:68 Ver:7.2	Hor:66 Ver:6.4	Hor:64 Ver:5.5	Hor:65 Ver:5
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 18...17...14	0°...5°...10° 18...17...14	0°...5°...10° 18...17...14	0°...5°...10° 18...17...14
Front-to-back ratio (dB)	≥25			
Isolation (dB)	≥30			
Cross-polar ratio (dB)	Typically ≥25(±60° ≥10)			
Impedance (Ω)	50			
VSWR	≤1.5			
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc			
Maximum input power (W)	300			
Lightning protection	DC Ground			



Mechanical specifications	
Connector	2×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1360×160×80
Packing size (mm)	1855×215×160
Antenna weight (kg)	7.4
Installation kit weight (kg)	2.7
Packing weight (kg)	12
Wind loading area (m²)	0.22
Max. wind velocity (m/s)	60
Reflector material	Aluminum Alloy
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	φ 50~ φ 115



1710~1880 MHz

1920~2200 MHz

2200~2500 MHz

2500~2690 MHz

This publication is issued to provide information only and is not to form part of any order or contract.

Tongyu reserves the right to change specifications without prior notice.

TA1013-0003-111100733973

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