



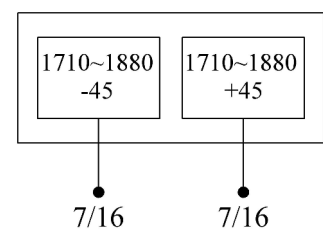
Single-band Panel	1710~1880
Dual Polarization	X
Half-power Beam Width	90°
Fixed Electrical Downtilt	3°

XPol 1710~1880MHz 90° 15dBi 3° Tilt

Electrical specifications	KBT90DP15-18AT3
Frequency range (MHz)	1710~1880
Polarization	±45°
Gain (dBi)	2×15
Electrical Downtilt (°)	3
Half-power beam width (°)	Horizontal:90 Vertical:10
Sidelobe suppression for first sidelobe above main beam (dB)	≥15
Front-to-back ratio (dB)	≥25
Cross-polar discrimination (dB)	≥15(±60°≥10)
Isolation (dB)	≥30
Impedance (Ω)	50
VSWR	≤1.4
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc
Maximum power (W)	200
Lighting protection	DC Ground



Mechanical specifications	
Connector	2×7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	890×160×80
Packing size (mm)	1200×220×160
Weight (kg)	6.4
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	50~115
Mounting kit	JM-1800BZ



1710~1880MHz: ±45° Polarization

