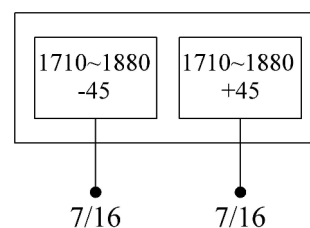


Single-band Panel	1710~1880
Dual Polarization	X
Half-power Beam Width	90°
Fixed Electrical Downtilt	0°

XPoI 1710~1880MHz 90° 17dBi 0° Tilt

Electrical specifications	KBT90DP17-18AT0
Frequency range (MHz)	1710~1880
Polarization	$\pm 45^\circ$
Gain (dBi)	2×17
Electrical Downtilt (°)	0
Half-power beam width (°)	Horizontal:90 Vertical:6
Sidelobe suppression for first sidelobe above main beam (dB)	≥ 15
Front-to-back ratio (dB)	≥ 25
Cross-polar discrimination (dB)	$\geq 15(\pm 60^\circ \geq 10)$
Isolation (dB)	≥ 30
Impedance (Ω)	50
VSWR	≤ 1.4
Intermodulation IM3 (2×43dBm carrier)	$\leq -150\text{dBc}$
Maximum power (W)	200
Lighting protection	DC Ground

Mechanical specifications	
Connector	2×7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	1420×160×80
Packing size (mm)	1690×220×170
Weight (kg)	8.2
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: $\pm 45^\circ$ Polarization

