



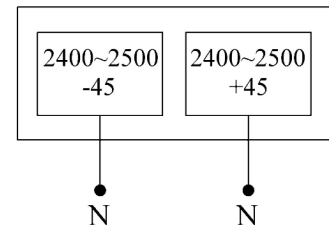
Single-band Panel	2400~2500
Dual Polarization	X
Half-power Beam Width	90°
Fixed Electrical Downtilt	0°

**XPo1 2400~2500MHz 90° 16dBi 0° Tilt**

Electrical specifications	KBT90DP16-24RT0
Frequency range (MHz)	2400~2500
Polarization	±45°
Gain (dBi)	2×16
Electrical Downtilt (°)	0
Half-power beam width (°)	Horizontal:90 Vertical:7.5
Sidelobe suppression for first sidelobe above main beam (dB)	≥15
Front-to-back ratio (dB)	≥23
Cross-polar discrimination (dB)	≥15(±60°≥10)
Isolation (dB)	≥30
Impedance (Ω)	50
VSWR	≤1.5
Maximum power (W)	200
Lighting protection	DC Ground



Mechanical specifications	
Connector	2×N Female
Connector position	Bottom
Height/width/depth (mm)	940×128×56
Packing size (mm)	1050×230×160
Weight (kg)	3.2
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~12
Operating temperature (°C)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	35~75
Mounting kit	JM-2400RZ



**2400~2500MHz: ±45° Polarization**

