

**KBT**

# 1710~2170/2170~2700MHz 35°/30° 14/14dBi MIMO Directional Panel Antenna

**TDJ-X1727EC****Application**

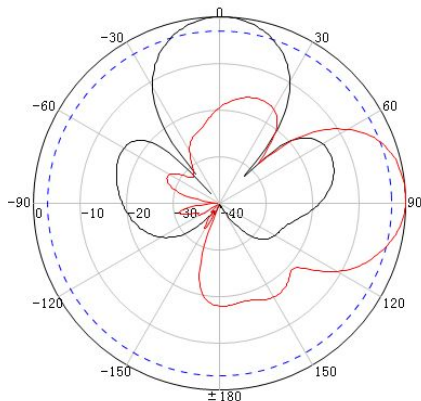
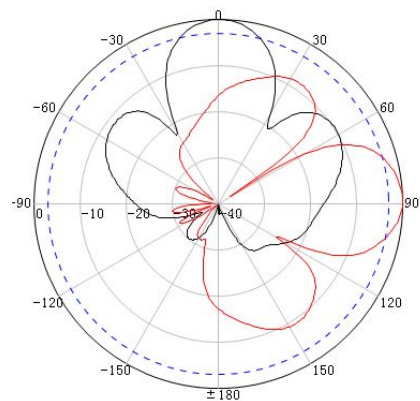
Used in 2G/3G/4G/5G system

**Electrical specifications**

Frequency range (MHz)	1710~2170	2170~2700
Polarization	±45°	
Gain (dBi)(based on 20cm cable)	14±1	14±1
Horizontal beam width (°)	35±8	30±8
Vertical beam width (°)	35±8	30±8
Front-to-back ratio (dB)	≥20	
Isolation (dB)	≥20	
Impedance (Ω)	50	
VSWR	≤1.5	
Maximum power (W)	50	
Lighting protection	DC Ground	

**Mechanical specifications**

Connector	2* SMA male(or Customized)
Customized Cable Length (cm)	200(or Customized)
Connector position	Bottom
Height/width/depth (mm)	249*249*68
Packing size (mm)	338*255*90
Weight (kg)	1.4(Include bracket)
Radome material	ABS
Radome color	White
Operating temperature (°C)	-40~60
Application	Outdoor
Mechanical tilt (°)	Adjusting Elevation 0~20/Adjusting Turn ±45
Rated wind velocity (m/s)	40
Suitable pole diameter (mm)	Φ130-Φ400
Mounting kit	JM-VB8(Optional)

**1710~2170MHz: ±45° Typical pattern****2170~2700MHz: ±45° Typical pattern**



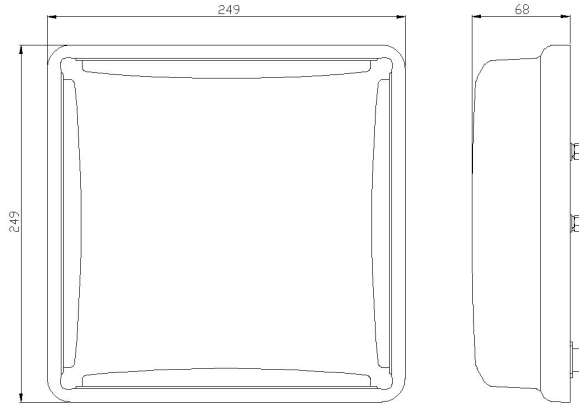
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Product pictures



Product size



## Installation Sketch

