

**KBT****1710~2700/3300~3800MHz 75°70° 8/8dBi  
MIMO Directional Panel Antenna****TDJ-X1738BKSL1****Application**

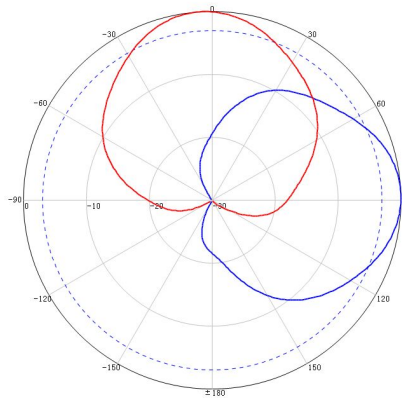
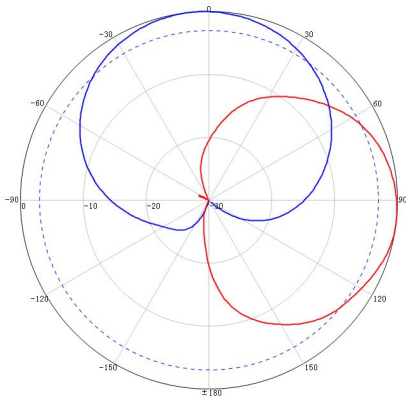
Used in 2G/3G/4G/WLAN system

**Electrical specifications**

Frequency range (MHz)	1710~2700	3300~3800
Polarization	±45°	
Gain (dBi)	8±1	8±1
Horizontal beam width (°)	75±15	70±15
Typical Vertical beam width (°)	75±15	70±15
Front-to-back ratio (dB)	15	20
Isolation (dB)	≥20	
Impedance (Ω)	50	
VSWR	≤1.8	≤1.8
Intermodulation IM3 (2×33dBm carrier)	-100dBc	
Maximum power (W)	50	
Lighting protection	DC Ground	

**Mechanical specifications**

Connector	2*N Female
Exposed cable size (cm)	20(or customer requirement)
Connector position	Bottom
Antenna size (mm)	165*149*50
Packing size (mm)	224*163*68
Weight (kg)	0.28
Radome material	HIPS
Radome color	White
Operating temperature (°C)	-40~60
Application	Indoor
Mounting	Wall Mounting

**1710~2700MHz Typical pattern:****3300~3800MHz Typical pattern:**



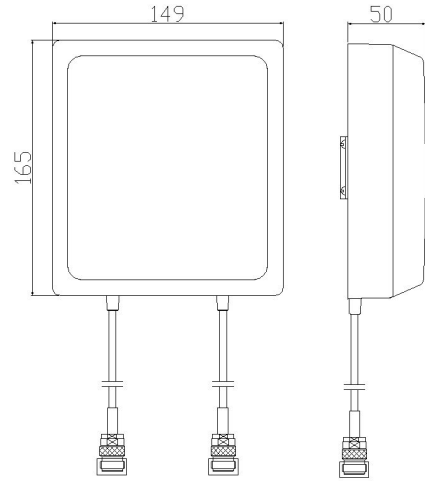
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MIMO Directional Panel Antenna

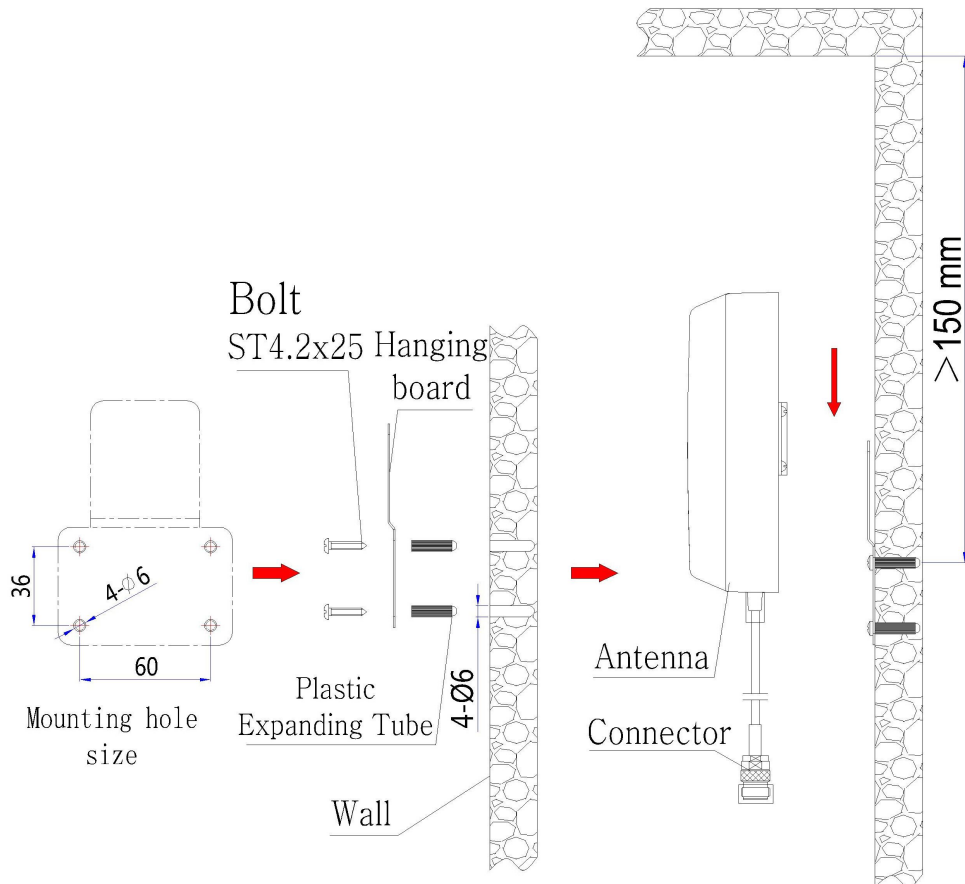
Product pictures



Product size



## Installation Sketch



- 1.Position and fix the mounting plate onto the wall with the countersunk self-tapping screws ST4.2×25 and plastic accessories.
- 2.Finish the installation by matching the clamp piece on the antenna base plate to the mounting plate hanger.