

**KBT**

698~960/1710~2700MHz 75°/65° 9.5/10dBi Logarithmic Periodic Directional Antenna

TDJ-0727DSFL-M**Application**

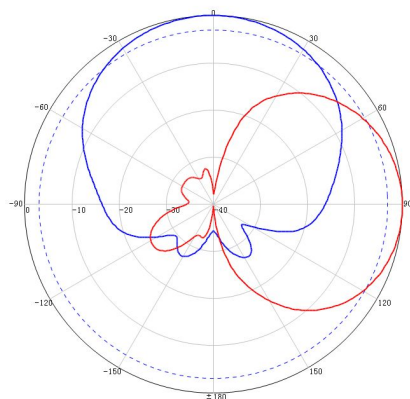
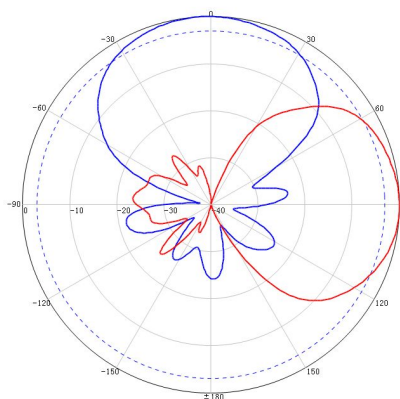
Used in 2G/3G/4G/WLAN system

Electrical specifications

Frequency range (MHz)	698～806	806～960	1710～2500	2500～2700
Polarization	Vertical			
Gain (dBi)	9.5±1		10±1	
Horizontal beam width (°)	75±12		65±12	
Vertical beam width (°)	55		50	
Front-to-back ratio (dB)	≥16		≥18	
Impedance (Ω)	50			
VSWR	≤2.0	≤1.5	≤1.5	≤2.0
Intermodulation IM3 (2×33dBm carrier)	≤-140dBc			
Maximum power (W)	50			
Lighting protection	DC Ground			

Mechanical specifications

Connector	N Female or customer requirement
Exposed cable size (cm)	20(or customer requirement)
Connector position	Bottom
Antenna size (mm)	(442*210*65) ±1.5
Packing size (mm)	488*225*88
Weight (kg)	1 (Include bracket)
Radome material	ABS
Radome color	White
Operating temperature (°C)	-40~60
Application	Outdoor
Mechanical tilt (°)	0~60
Rated wind velocity (m/s)	40
Suitable pole diameter (mm)	Φ25-Φ50
Mounting kit	JM-TA

698~960MHz Typical pattern:**1710~2700MHz Typical pattern:**

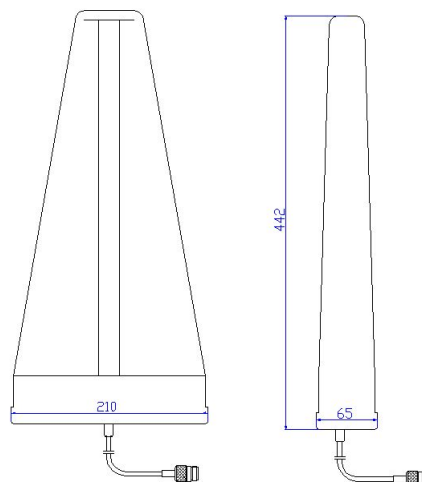
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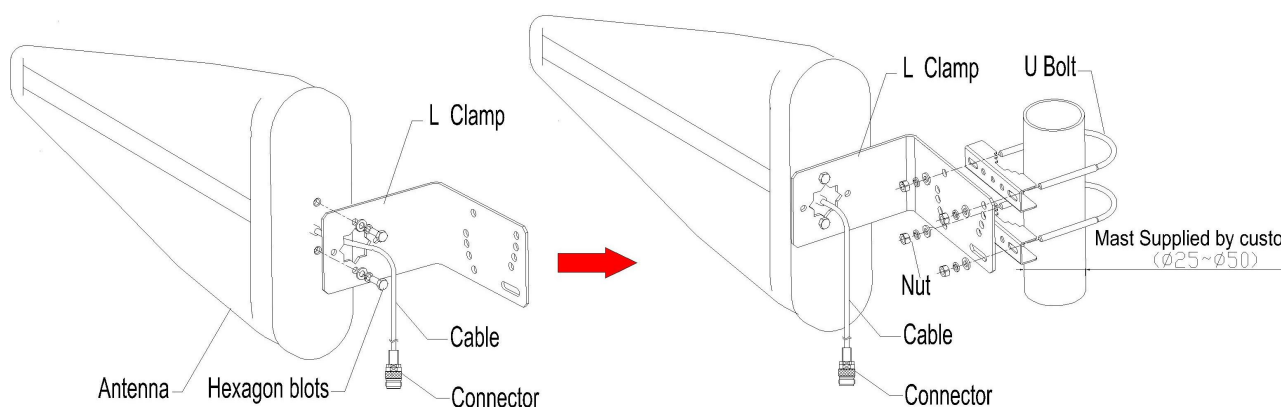
Product pictures



Product size



Installation Sketch



Note: When installing, you should let the side with a little hole face down to prevent the antenna radome from water.