

**KBT****5150-5850MHz 18° 16.5dBi Antenna****KDP-5158CT15-A****Application**

5GHz Directional Antenna

Electrical Specifications

Frequency Band(MHz)	5150-5850
Polarization	Vertical
Gain -without cable(dBi)	16.5
Horizontal Plane 3-dB BW(°)	18
Vertical Plane 3-dB BW(°)	18
Front-to-Back Ratio(dB)	≥15
VSWR	≤1.8
Impedance (Ω)	50
Maximum power(W)	100
Lighting protection	DC ground

Mechanical Specifications

Connector Type	1*N Type Female
Connector Position	Bottom
Cable /lead out length(mm)	RG223 /2000±10mm
Radome Material Color	UPVC /White
Dimensions(mm)	Φ75*395(±3)
Antenna Weight(kg)	1.0(With Bracket)
Operating Temperature (°C)	-40 to +60
Mounting Type/ Pole Diameter(mm)	JM-M8/Φ40-50

Installation sketch

