

**KBT**

5150-5850MHz 30°14dBi ±45° Dual-Polarized Directional Antenna

KDP4-X5158BFN-B

Application

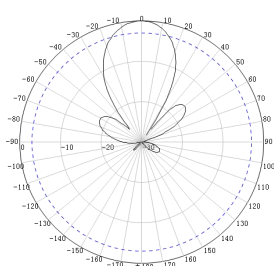
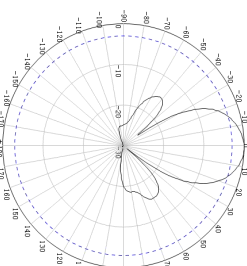
Dual-Polarized Wi-Fi Directional Antenna

Electrical specifications

Frequency range (MHz)	5150-5850
Polarization	±45°
Gain (dBi)	14
Electrical Down tilt (°)	0
Nominal Horizontal Plane 3-dB BW(°)	30
Nominal Elevation Plane 3-dB BW(°)	30
Front-to-back ratio (dB)	≥20
Isolation (dB)	≥23
Impedance (Ω)	50
VSWR	≤2.0
Maximum power (W)	50
Lighting protection	DC Ground

Mechanical specifications

Connector	4*NK
Connector position	Bottom
Exposed cable size (mm)	180
Antenna size (mm)	210*120*42
Weight (kg)	Antenna 0.45KG, Bracket 0.4KG
Radome material	ABS
Radome color	White
Mechanical tilt (°)	-20-+20
Operating temperature (°C)	-40-+60
Rated wind velocity (m/s)	36.9
Suitable pole diameter (mm)	D30-50
Mounting kit	JM-TA

±45° Pol. H plane**±45° Pol. E plane**

Kenbotong reserves the right to change specifications without prior notice.

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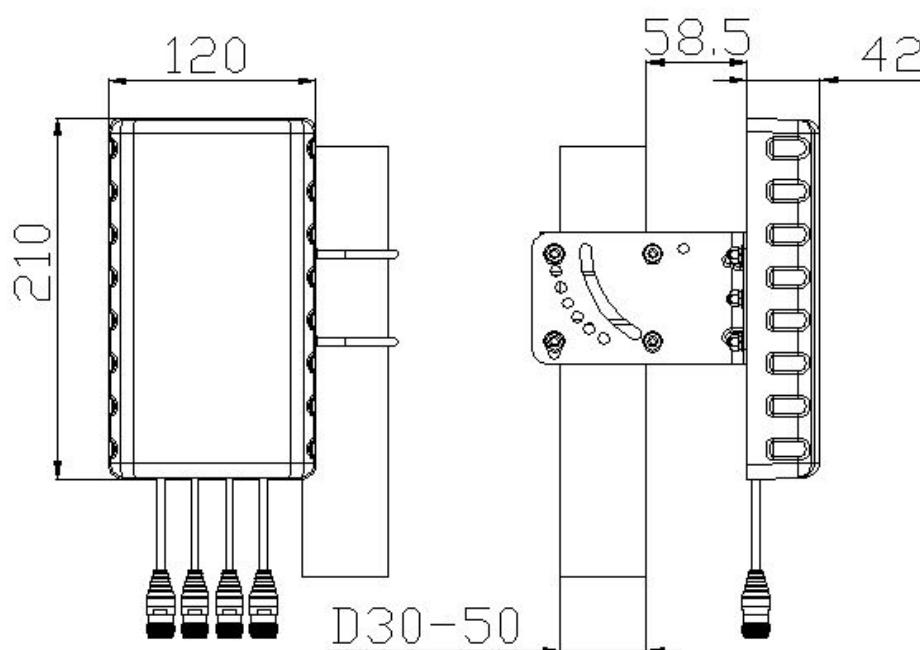

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Antenna Picture



Installation Sketch



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