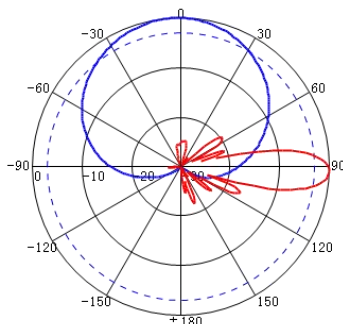


**KBT****XXpol 703-803MHz*2 65° 15dBi 0-14° Integrated RET
(remote control unit) Antenna****KBT65DP1515-07AE- I****Electrical specifications**

Frequency range (MHz)	703-803
Polarization	±45°
Gain (dBi)	14
Electrical Downtilt (°)	0-14
Half-power beam width (°)	70±6
Vertical power beam width (°)	≥14.5
1st Upper sidelobe suppression(dB)	≥15
Front-to-back ratio (dB)	≥25
Cross-polar discrimination (dB)	≥15 (±60°≥8)
Isolation (dB)	≥25
Impedance (Ω)	50
VSWR	≤1.5
Intermodulation IM3	≤150 dBc(2×43dBm carrier)
Maximum power (W)	300
Lighting protection	DC Grounding

Mechanical specifications

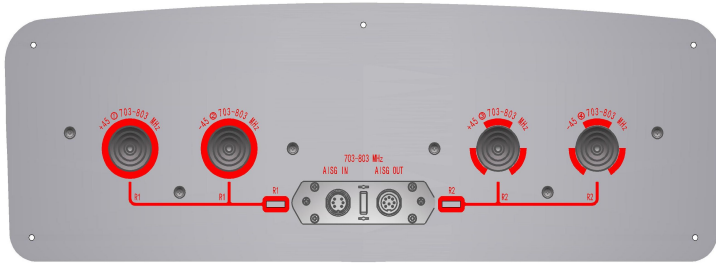
Connector	4*7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	1350*499*164
Packing size (mm)	1590*590*310
Weight (kg)	18.5
Bracket Weight(Kg)	4
Radome material and color	UPVC/Gray
Mechanical tilt (°)	0-15
Operating temperature (°C)	-40-60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	Φ50-Φ115
Mounting kit	JM-900DZA
RET type	Integrated RET(AISG2.0/3GPP)
Ret Model	KRCU20D

703-803MHz: ±45° Pol.

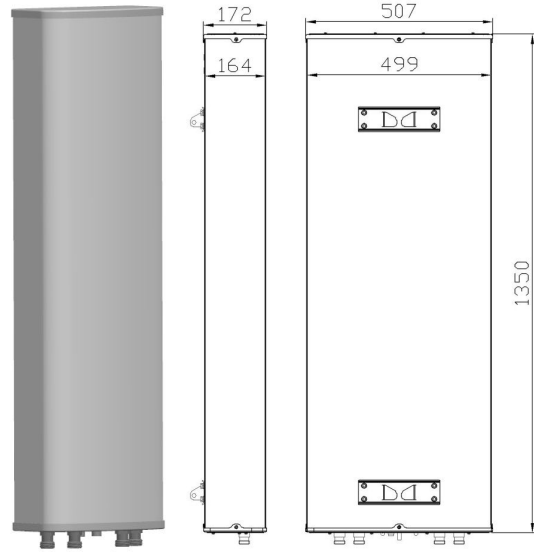


KBT XXpol 703-803MHz*2 65° 15dBi 0-14° Integrated RET (remote control unit) Antenna

Connector Position



Outline Drawin



Installation Sketch

<p>Step1: Fastening the brackets to the back of antenna with M10 × 110 bolt , torquing the nut to 25N·m.</p> <p>Step2 : Tightening the scale to the upper bracket with the m6 nut, fix the scale to 0 degree position, torquing the nut to 8N·m. (Above steps must be completed under the tower before installing the antenna).</p>	<p>Step3: Installing the antenna vertically to the support pole using M10 bolt, torquing the nut to 25N·m.</p>	<p>Step4: Loosing the scale fixing nut on the upper bracket, adjusting the mechanical downtilt angle of antenna to the suitable angle based on the scale display, then tightening the scale and all the nuts on the bracket.</p>
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