

**KBT****8-Ports 4H Antenna****KB65D1727A8-18F-I-W**

Electrical Specifications					
Frequency Range (MHz)		4 × (1710-2690) (Y1, Y2, Y3, Y4)			
		1710-1880	1920-2170	2300-2490	2500-2690
Polarization		±45°			
Electrical Downtilt (°)		2-12, continuously adjustable			
Gain (dBi)	at mid Tilt	17.2	17.8	17.9	18.1
	over all Tilts	17.1±0.7	17.7±0.6	17.8±0.6	18.0±0.7
Side lobe suppression for first side lobe above main beam (dB)		>16	>16	>16	>16
Horizontal 3dB Beam Width (°)		70±5	64±5	63±5	60±6
Vertical 3dB Beam Width (°)		7.5±0.5	6.8±0.5	5.9±0.5	5.3±0.5
Cross-Polar Ratio, 0° (dB)		>18	>18	>18	>18
Front to Back Ratio, ±30° (dB)		>25	>25	>25	>25
VSWR		≤1.5			
Intermodulation IM3 (dBc)		≤-153 (2 x 43 dBm carrier)			
Cross Polar Isolation (dB)		≥25			
Interband isolation (dB)		≥25			
Max. power per port (W)		250			
Impedance (Ω)		50			
Grounding		DC Grounding			
Values based on NGMN recommendations on Base Station Antenna Standards V12.0 (BASTA V12.0)					

Mechanical Specifications	
RET type	Integrated RET (AISG2.0/3GPP)
AISG Connectors (1 in 1 out)	2 x 8 pin (in: Male; out: Female)
Connector	8 x 4.3-10 Female, Bottom
Antenna dimensions (H x W x D) (mm)	1410 × 480 × 175
Packing dimensions (H x W x D) (mm)	1625 × 550 × 255
Antenna weight (kg)	21.5
Clamps weight (kg)	5.5
Diameter of installation pole (mm)	φ50-φ114
Radome material	Fiberglass
Radome color	Light grey
Operational temperature (°C)	-40 to +65
Wind load at 42m/s (N)	891/ 291/ 1003 (Frontal/ Lateral/ Rearal)
Max. operational wind speed (km/h)	200

Add: No.30 Dongyang 3rd Road, Danzao Town, Nanhai District, Foshan City, Guangdong, China 528216

Tel: +86-757-88022860

Email: kbt@kenbotong.com

Web: <http://www.kenbotong.com>

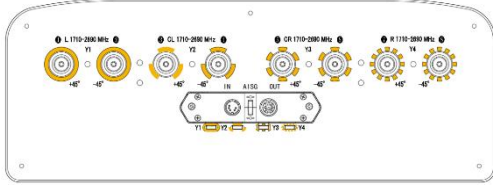


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Layout and Pattern

Connector Position:



Y1/ Y2/ Y3/ Y4: 1710-2690 MHz;

Configuration Types:



RET S/N:

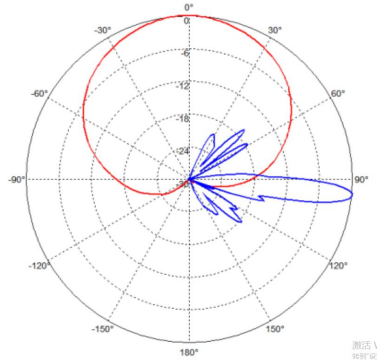
KBxxx-Y1-xx.....;

KBxxx-Y2-xx.....;

KBxxx-Y3-xx.....;

KBxxx-Y4-xx.....;

Pattern sample for reference:



1710-2690 MHz

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