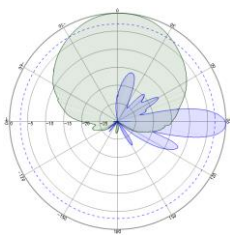
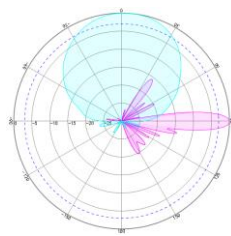


6 Port Antenna/1L2H/ 2m

ITEM NO:YBZ65S16P18E-6F-RY

XXXpol 698-960/2x(1695-2690)MHz 65°HPBW 15.4/17.1dBi 0°-10°/0°-10°T Integrated RET (AISG2.0/3GPP) 6 x 4.3-10 Connectors/1L2H /2m


Electrical Specifications(BASTA12.0)

Frequency Range(MHz)		698-960 (R1)				
Frequency Sub-Range(MHz)		698-803	791-862	824-894	880-960	
Polarization(°)		±45				
Electrical Downtilt(°)		0-10				
Gain (dBi)	Mid tilt	15.0	15.2	15.5	15.6	
	Over all tilts	14.8±0.6	15.0±0.5	15.3±0.5	15.4±0.4	
1st Upper Sidelobe Suppression		>15	>15	>15	>15	
Azimuth Beamwidth 3dB(°)		68±5.5	67±5.0	65±5.0	64±5.0	
Elevation Beamwidth 3dB(°)		10.0±1.0	9.8±0.6	9.5±0.6	8.2±0.6	
Cross-Polar Ratio @0°(dB)		>18	>18	>17	>16	
Cross-Polar Ratio @±60°(dB)		>8	>7	>7	>6	
Front to Back Ratio,180°±30° (dB)		>24	>25	>26	>26	
Frequency Range(MHz)		2x(1695-2690)(Y1/Y2)				
Frequency Sub-Range(MHz)		1695-1880	1850-1990	1900-2200	2300-2400	2500-2690
Polarization(°)		±45				
Electrical Downtilt(°)		0-10				
Gain (dBi)	Mid tilt	16.5	16.8	16.9	17.2	17.3
	Over all tilts	16.3±0.5	16.6±0.5	16.7±0.5	17.0±0.4	17.1±0.3
1st Upper Sidelobe Suppression		>15	>15	>15	>16	>16
Azimuth Beamwidth 3dB(°)		67±5.5	66±5	65±5	65±4	60±4
Elevation Beamwidth 3dB(°)		8.0±0.6	7.2±0.6	6.6±0.6	6.2±0.5	5.9±0.5
Cross-Polar Ratio @0°(dB)		>20	>20	>20	>18	>18
Cross-Polar Ratio @±60°(dB)		>10	>10	>10	>9	>6
Front to Back Ratio,180°±30° (dB)		>23	>23	>25	>25	>25
VSWR		<1.5				
3rd PIM@2 x 43 dBm (dBc)		<-150				
Isolation: intra-system (dB)		>27 (698-960MHz);>28 (1695-2690MHz)				
Isolation: inter-system (dB)		>28				
Max. power per port(W)		500 (698-960MHz); 300 (1695-2690MHz)				
Impedance (Ω)		50				
Lightning Protection		DC Ground				
Pattern						
						
698-960MHz			1695-2690MHz			

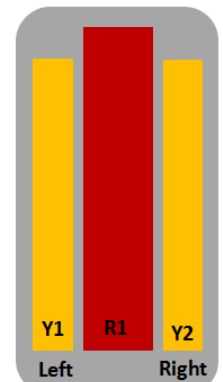
6 Port Antenna/1L2H/ 2m

ITEM NO:YBZ65S16P18E-6F-RY

Mechanical Specifications(BASTA12.0)

RET type	Integrated RET (AISG2.0/3GPP)	
AISG Connectors (1 input and 1 output)	2x8 (in: Male; out: Female)	
Connector	6x4.3-10 female, Bottom	
Antenna dimensions (H x W x D) (mm)	1995x355x165	
Packing dimensions (H x W x D) (mm)	2280x460x255	
Antenna weight (kg)	20	
Clamps weight (kg)	4.1	
Packing weight(kg)	28	
Diameter of installation pole	φ50~φ115mm	
Mechanical Tilt Range (°)	Fiberglass	
Radome material	0-10	
Radome color	Light Grey	
Operational temperature (°C)	-40 to +70	
Wind load @150km/h (N)	827/333/986(Frontal/Lateral/Maximum)	
Max. operational wind speed (km/h)	241	

Layout



Frequency Range	Array	Connector	Sub Unit	RET Type
698-960MHz	R1	1-2	2#	MRET
1695-2690MHz	Y1	3-4	1#	MRET
1695-2690MHz	Y2	5-6	3#	MRET

Accessories

Item	Model	Weight (kg)	Mechanical Tilt Range (°)
Mounting Kit	85L-1	4.1	0-10