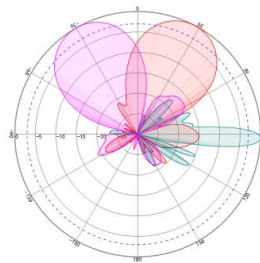


XXXXpol 4x(1695-2690)MHz 33°HPBW 19dBi 2°~12°T
Integrated RET (AISG2.0/3GPP)
8 x 4.3-10 Female Connectors

Electrical Specifications(BASTA12.0)

Frequency Range(MHz)		1695-2690(Y1/Y2/Y3/Y4)				
Frequency Sub-Range(MHz)		1695-1990	1920-2200	2300-2490	2490-2690	
Polarization(°)		±45				
Electrical Downtilt(°)		2-12				
Tilt Accuracy(°)		±1				
Gain (dBi)	Y1/Y3	Mid tilt	18.7	19.4	20.1	20.2
		Over all tilts	18.5±0.4	19.2±0.5	19.9±0.5	20.0±0.5
	Y2/Y4	Mid tilt	18.1	18.8	19.3	19.4
		Over all tilts	17.9±0.6	18.6±0.6	19.1±0.6	19.2±0.6
First upper Side Lobe Suppression (dB)		>15	>17	>17	>16	
Azimuth Beamwidth 3dB(°)		37±4.0	35±4.0	30±3.0	29±3.0	
Elevation Beamwidth 3dB(°)		8.7±0.6	8.0±0.6	7.0±0.4	6.4±0.4	
Horizontal beam direction (°)		±27	±27	±27	±27	
Cross-Polar Ratio @0°(dB)		>20	>20	>19	>19	
Front to Back Ratio @180°±30° (dB)		>28	>28	>28	>28	
VSWR		<1.5				
3rd PIM@2 x 43 dBm(dBc)		<-153				
Isolation: intra-system (dB)		>28				
Beam Isolation (dB)		>16				
Max. power per port(W)		250				
Impedance (Ω)		50				
Lightning Protection		DC Ground				


Pattern



1695-2690MHz

Mechanical Specifications(BASTA12.0)	
RET type	Integrated RET (AISG2.0/3GPP)
AISG Connectors (1 input and 1 output)	2x8 (in: Male; out: Female)
Connector	8x4.3-10 female , Bottom
Antenna Dimensions (H x W x D) (mm)	2195x320x145
Packing Size (H x W x D) (mm)	2475x410x235
Antenna weight (kg)	23.5
Clamps weight (kg)	4.1
Packing weight(kg)	31.0
Mounting Kit Model	MB41
Diameter of installation pole	φ50 -φ115mm
Mechanical Tilt Range (°)	0-10
Radome material	Fiberglass
Radome color	Light Grey
Operational temperature (°C)	-40 to +70
Wind load @150km/h (N)	576/186/769(Frontal/Lateral/Maximum)
Max. operational wind speed (km/h)	241



Layout					
					
Frequency Range	Array	Connector	Sub Unit	RET Type	RET UID
1695-2690MHz	Y1	1-2	1 #	MRET	YT.....YYWWxxxxx -MM
1695-2690MHz	Y2	3-4	2 #	MRET	YT.....YYWWxxxxx -MM
1695-2690MHz	Y3	5-6	3 #	MRET	YT.....YYWWxxxxx -MM
1695-2690MHz	Y4	7-8	4 #	MRET	YT.....YYWWxxxxx -MM

Remark: YY – Year, WW – Week , xxxxx – Serial Number, MM – RET Type