

S06TL17RTK16GF4

Multi Band 3-Sector 6-Port Antenna

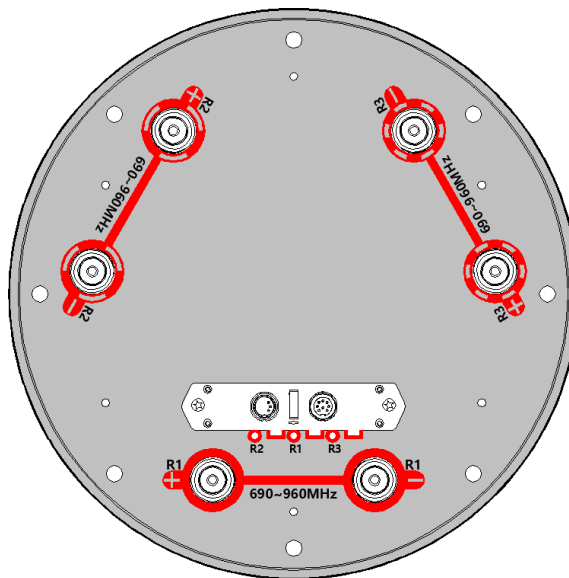
3 x 690~960 MHz

70° Horizontal Beam Width

Connector			R1 Connector 1-6		
Frequency Band		MHz	690-806	790-894	880-960
Polarization			±45°		
Gain	At mid Tilt	dBi	16.4	17.0	17.4
	Over all Tilts	dBi	16.4±0.5	16.9±0.5	17.3±0.4
VSWR			1.5		
Return Loss		dB	14		
Cross Polar Isolation		dB	27		
Port to Port Isolation		dB	30(R1/R21/R3)		
Passive Intermodulation,2 x 43dBm Carrier		dBc	-150		
Max. Effective Power per Port		W	300		
Impedance		Ω	50		
Horizontal Pattern					
Azimuth Beamwidth		°	72±4	69±4	67±4
Front to Back Ratio, Copolar, ±30°		dB	25		
Cross Polar Discrimination at Boresight		dB	20		
Cross Polar Discrimination over Sector		dB	10		
Vertical Pattern					
Elevation Beamwidth		°	8.6±0.9	7.7±0.8	6.9±0.6
Electrical Downtilt continuously adjustable		°	0-10		
First Upper Sidelobe Suppression		dB	17		

Values based on NGMN-P-BASTA requirement

Connector	Quantity	EA	6 x 4.3/10 Female
	Location		Bottom
Dimensions	Antenna	mm	Ø350/2700
	Total length	mm	3000 (with Clamp length)
Weight	Antenna	Kg	43
	Clamp	Kg	20
	Packing	Kg	75
Radome	Material		FRP
	Color		Gray
Wind Load (at 150km/h wind velocity)		N	717.5
Max. Wind Velocity		Km/h	216
Operational Temperature		°C	-40~70
Adjustment Mechanism			Internal RET(3CH)



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