

TETRABAND 4x 1710-2690 MHz

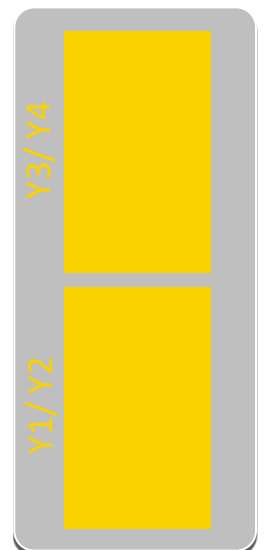
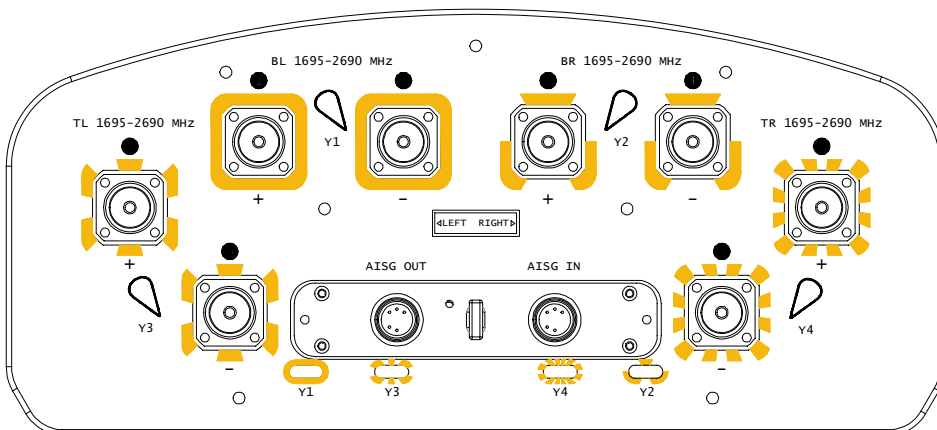
- Panel Antenna
- Internal RET
- HBW = 33°

RF Electrical specifications*

Frequency Range (MHz)		1710-1880 1920-2170 2500-2690					
		Y1 // Y4			Y2 // Y3		
Gain (dBi)	Over all Tilts:						
	Average	17,9	18,9	19,2	17,4	18,4	18,8
	Tolerance	0,4	0,4	1	0,5	0,5	1
Azimuth Beamwidth (deg)	Average	36	33	26	36	33	26
	Tolerance	1,9	2,8	3,2	1,9	2,8	3,2
Elevation Beamwidth (deg)	Average	10,5	9,3	7,6	10,5	9,3	7,6
	Tolerance	0,6	0,7	0,8	0,6	0,7	0,8
Beam Centers, Horizontal (°)		±28	±26	±20	±28	±26	±20
First Upper Sidelobe level		>16					
Front to Back Ratio total power ±30° (dB)		>23.5					
Interband isolation (dB)		>28					
Polarization (deg)		±45					
Electrical Downtilt (deg)		0–10					
Impedance (Ω)		50					
VSWR		< 1.5:1					
PIM, 2x43dBm (dBc)		< -153					
Max. Effective Power per Port (W)		250					

* All specifications are subject to change without notice. Refer to TELNET for the most current information.

* All specifications are based on NGMN recommendations on Base Station Antenna Standards (BASTA).



Mechanical specifications

Antenna Dimensions: Height/Width/Depth (mm)	1990 x 350 x 155
Packing Size: Height/Width/Depth (mm)	2260 x 450 x 275
Net Weight (kg)	21
Shipping Weight (kg)	28
Connector Quantity	8
Connector Type	4.3-10 female connectors
Connector Position	Bottom
Survival wind speed (km/h)	200
Azimuth (Full antenna / Per Sector)	N/A
Radome Material	Fiber glass
Radome Colour	White
Lightning Protection	DC grounded

TELNET RET

RET Type	Internal
Actuator standalone size: Height / Width / Depth (mm)	Inside the antenna
Actuator installed size: Height / Width / Depth (mm)	Inside the antenna
Power consumption (W)	1–10
Loss of position on power failure	False
Compatible standards	3GPP/AISG 2.0
Replaceability in field	Yes, without removing antenna.
Visual indicator available on tilt change	True
Daisy chain available	True

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