

DUALBAND 2x 1710-2690 MHz

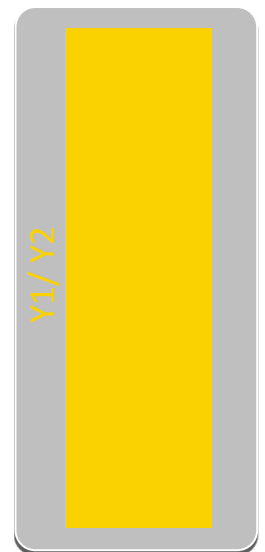
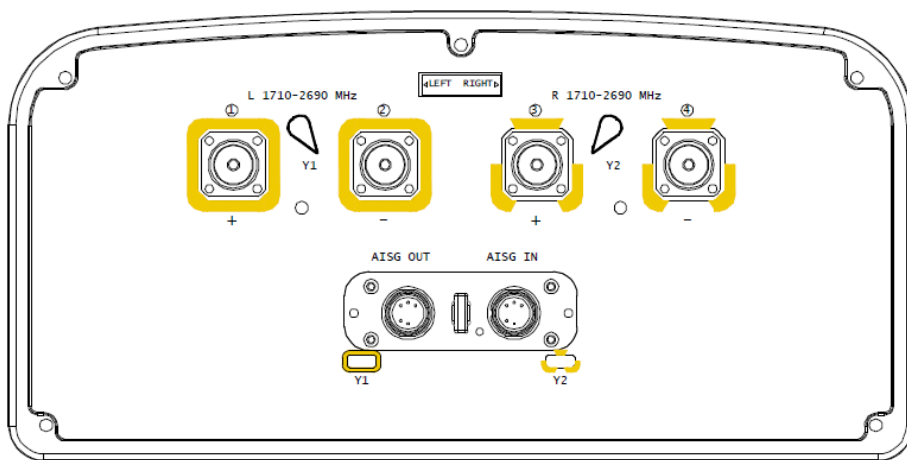
- Panel Antenna
- Internal RET
- HBW = 33°

RF Electrical specifications*

Frequency Range (MHz)		1710-1880	1920-2170	2500-2690
Cluster Name		Y1 // Y2		
Gain (dBi)	Over all Tilts:			
	Average	17,3	18,3	18,8
	Tolerance	0,6	0,8	1,4
Azimuth Beamwidth (deg)	Average	37	33	26
	Tolerance	1,5	2,8	3
Elevation Beamwidth (deg)	Average	10,5	9,4	7,5
	Tolerance	0,5	0,8	0,8
Beam Centers, Horizontal (°)		±28	±26	±20
First Upper Sidelobe level			>18	
Upper Sidelobe Level peak to 20° above (dB)			>17	
Cross Polar Discrimination at Boresight (dB)		>9	>9	>10
Front to Back Ratio total power ±30° (dB)			>24	
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)	1100 x 350 x 170
Packing Size: Height/Width/Depth (mm)	1310 x 440 x 290
Net Weight (kg)	12,8
Shipping Weight (kg)	19
Connector Quantity	4
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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