

## MONOBAND 1x 698-960 MHz

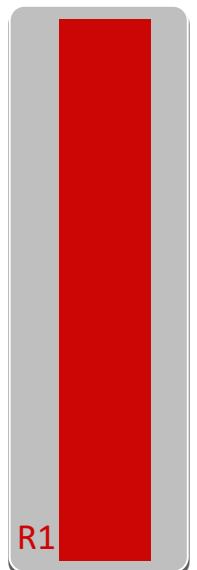
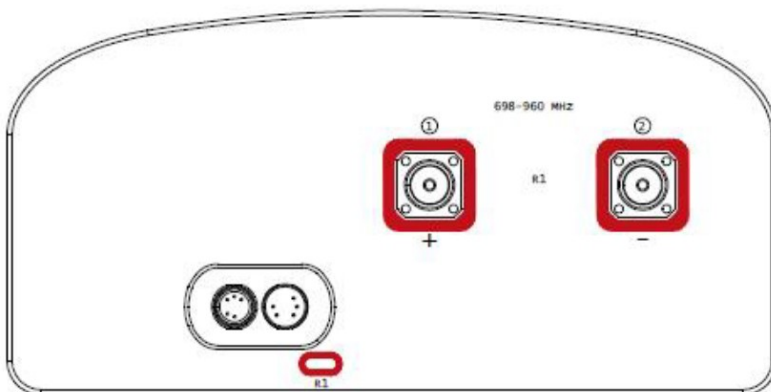
- Panel Antenna
- Internal RET

### RF Electrical specifications\*

Frequency Range (MHz)		698-790	880-960
Cluster Name		<b>R1</b>	
Gain (dBi)	Over all Tilts:		
	Average	15,0	15,9
	Tolerance	1	1
Azimuth Beamwidth (deg)	Average	67	62
	Tolerance	4	3
Elevation Beamwidth (deg)	Average	12	10
	Tolerance	1	1
First Upper Sidelobe level		>16	>16
Cross Polar Discrimination at Boresight (dB)		>18	>18
Cross Polar Discrimination Over Sector (dB)		>8	>8
Front to Back Ratio total power $\pm 30^\circ$ (dB)		>21	>21
Interband isolation (dB)		>28	
Polarization (deg)		$\pm 45$	
Electrical Downtilt (deg)		0-10	
Impedance ( $\Omega$ )		50	
VSWR		< 1.5:1	
PIM, 2x43dBm (dBc)		< -153	
Max. Effective Power per Port (W)		300	

\* 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)	2000 x 300 x 146
Packing Size: Height/Width/Depth (mm)	2275 x 400 x 265
Net Weight (kg)	17
Shipping Weight (kg)	25
Connector Quantity	2
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

**Contact Information****TELNET Redes Inteligentes  
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