



4x617-894MHz

Electrical Characteristics	4x Ports		
	1 2 3 4		
Operating Frequency (MHz)	617-894		
	617-698	698-806	824-894
Azimuth beamwidth ¹	73°	69°	67°
Elevation beamwidth ¹	10.1°	9.0°	7.9°
Gain ¹ (dBi)	15.3	15.7	16.1
Polarization	2x ±45°		
Electrical down-tilt range	2°-10°		
Upper SLL at 20°>mainbeam (dB)	>14	>15	>15
Front to Back at 180°±10° (dB)	>20	>22	>24
Port to Port isolation	>26	>26	>26
Return loss/VSWR (>dB/VSWR)	14/1.5	14/1.5	14/1.5
X Polar Discrimination at 0° (dB)	>16	>18	>18
Max Power handling (per any port)	250 Watts		
Total Composite Power (all ports)	800 Watts		
PIM (dBc: 2x43dBm)	>153		

¹ Typical Performance across frequencies and Downtilt.

Mechanical Characteristics	
Dimensions	L 98.3"(2497mm) x W 21.7"(550mm) x D 9.6"(245mm)
Weight (excl mounting brackets)	75.0lbs (34.0kg)
No. of Connectors	4x 4.3-10 Female
Max Wind Speed	150mph (241kph)
Wind Load ² @93mph (150kph)	Front: 285.5lbs (1270N), Side: 157.4lbs (700N)
Operating Temperature	-40°C to +60°C



Fully Integrated RET Characteristics	
AISG Standards	V 2.0 and 3GPP
Device Type	SRET Type 1
AISG Data rate	9.6 kbps
No of connectors	1in/1out.
Connector type	IEC 60130-9 (Ed 3.0)



RET ID	Ports		Arrays	Freq Range
1	1	2	R1	617-894MHz
2	3	4	R2	617-894MHz

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