



2x617-894MHz / 4x1695-2690MHz

Electrical Characteristics	2x Ports 1 2			4x Ports 3 4 5 6				
	617-894			1695-2690				
Operating Frequency (MHz)	617-698	698-806	824-894	1695-1780	1850-1990	2110-2180	2300-2400	2490-2690
Azimuth beamwidth ¹	73°	69°	65°	68°	66°	64°	62°	60°
Elevation beamwidth ¹	10.1°	9.0°	7.9°	6.4°	5.8°	5.2°	4.8°	4.4°
Gain ¹ (dBi)	15.0	15.4	15.8	16.6	16.9	17.2	17.4	17.4
Polarization	±45°			2x ±45°				
Electrical down-tilt range	2°-12°			2° – 12°				
Upper SLL at 20°>mainbeam (dB)	>14	>15	>15	>14	>14	>14	>14	>14
Front to Back at 180°±10° (dB)	>20	>22	>24	>24	>24	>25	>26	>26
Port to Port isolation	>26	>26	>26	>28	>28	>28	>28	>28
Return loss/VSWR (>dB/VSWR)	14/1.5	14/1.5	14/1.5	14/1.5	14/1.5	14/1.5	14/1.5	14/1.5
X Polar Discrimination at 0° (dB)	>16	>18	>18	>16	>16	>16	>17	>17
Max Power handling (per any port)	250 Watts			200 Watts				
Total Composite Power (all ports)	700 Watts							
PIM (dBc: 2x43dBm)	>153			>153				

¹ Typical Performance across frequencies and Downtilt.

Mechanical Characteristics	
Dimensions	L 98.3"(2497mm) x W 14.3"(363mm) x D 9.6"(245mm)
Weight (excl mounting brackets)	63.9lbs (29.0kg)
No. of Connectors	6x 4.3-10 Female
Max Wind Speed	150mph (241kph)
Wind Load ² @93mph (150kph)	Front: 188.8lbs (840N), 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	2x 1in/1out.
Connector type	IEC 60130-9 (Ed 3.0)



RET ID	Ports	Arrays	Freq Range
1	1 3	R1	617-894MHz
2	3 4 5 6	Y1 Y2	1695-2690MHz

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