

Electrical Characteristics	4x Ports				
	1 2 3 4				
Operating Frequency (MHz)	1695-2690				
	1695-1780	1850-1990	2110-2180	2300-2400	2490-2690
Azimuth beamwidth ¹	67°	65°	63°	61°	58°
Elevation beamwidth ¹	7.0°	6.7°	6.3°	5.4°	5.0°
Gain ¹ (dBi)	17.0	17.2	17.5	18.0	18.0
Polarization	2x ±45°				
Electrical down-tilt range	0° – 10°				
Upper SLL at 20°>mainbeam (dB)	>14	>14	>14	>14	>14
Front to Back at 180°±10° (dB)	>25	>26	>26	>26	>26
Port to Port isolation	>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
X Polar Discrimination at 0° (dB)	>19	>20	>20	>20	>20
Max Power handling (per any port)	250 Watts				
Total Composite Power (all ports)	500Watts				
PIM (dBc: 2x43dBm)	>153				

¹ Typical Performance across frequencies and Downtilt.

Mechanical Characteristics	
Dimensions	L 54.2"(1377mm) x W 10.1"(257mm) x D 3.4"(87mm)
Weight (excl mounting brackets)	23.1lbs (10.5kg)
No. of Connectors	4x 4.3-10 Female
Max Wind Speed	150mph (241kph)
Wind Load ² @93mph (150kph)	Front: 93.3lbs (415N), Side: 28.1lbs (125N)
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	Y1	1695-2690MHz
2	3	4	Y2	1695-2690MHz

Tel (Americas): +1 (585) 420-8720
info@quintelsolutions.com
www.quintelsolutions.com