QD664-9

6.5ft 65° XX MultiServ™ 4-Port Antenna

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]	12.9°	11.8°	10.3°
Gain[1] (dBi)	14.4	14.8	15.2
Polarization	2x ±45°		
Electrical down-tilt range	2°-12°		
Upper SLL at 20°>mainbeam (dB)	>14	>15	>15
Front to Back at 180°±10° (dB)	>20	>22	>24
Port to Port isolation	>25	>25	>25
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)	700 Watts		
PIM (dBc: 2x43dBm)	>153		

[1] *Typical Performance across frequencies and Downtilt.*

Mechanical Characteristics	
Dimensions	L 78.6”(1997mm) x W 21.7”(550mm) x D 9.6”(245mm)
Weight (excl mounting brackets)	57.3lbs (26.0kg)
No. of Connectors	4x 4.3-10 Female
Max Wind Speed	150mph (241kph)
Wind Load[2] @93mph (150kph)	Front: 228.2lbs (1015N), Side: 125.9lbs (560N)
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

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