

**B3212023-V01**  
**Directional Antenna 698-960/4\*1710-2690**  
**XXXXX-Pol 10-port 13/15dBi 65°**  
**Electrical Downtilt (4-14/2-12T) with Internal RET**



XXXXXPol Directional 698-960/4\*1710-2690 13/15dBi 65° 4-14°/2-12°T

**Preliminary**

Type	B3212023-v01					
Band	698-960 (x1)			1710-2690 (x4)		
Frequency Range (MHz)	698-806	806-960	1710-1880	1920-2200	2200-2490	2490-2690
Gain (dBi)	12.5	12.9	14.1	14.3	14.6	14.5
VSWR	≤ 1.5					
3 <sup>rd</sup> Order PIM (dBc)	≤ -150 @ 2x43dBm					
Polarization	±45°					
Electrical Tilt (°)	4-14			2-12		
Horizontal Beamwidth (°)	67	69	65	63	62	60
Vertical Beamwidth (°)	28.5	25.5	18.5	16.5	15	14
Input Impedance (Ω)	50					
Max. Input Power (W)	400			200		
Front-to-Back Ratio (dB)	≥ 22			≥ 22		
First Sidelobe Suppression (dB)	4°	9°	14°	2°	7°	12°
	14	14	12	14	14	12
Cross-polar Discrimination (dB)	0°: ≥ 15 ±60°: ≥ 8			0°: ≥ 15 ±60°: ≥ 8		
Isolation, Intra-system (dB)	≥ 25					
Lightning Protection	DC Grounded					
Connector Type	10 x 4.3-10 Female					
Connector Location	Bottom					
Dimension (mm)	1470 x 385 x 138					
Weight (kgs)	Antenna: 16.5 / Mounting: 4.5					
Radome Material	UPVC					
Mechanical Tilt (°)	0-15					
Rated Wind Velocity (km/h)	210					
Operating Temperature (°C)	-40 to +60					
Pole Size (mm)	Ø50 to Ø115					
RET	Internal RET (comply with AISG2.0/3GPP)					

(K)JFB83816262626242QE67UCL

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