

B3212021-V01
Directional Antenna 698-960/4*1710-2690
XXXXX-Pol 10-port 11/13/13/13/13dBi 65°
Electrical Downtilt (4/2-12T) with Internal RET



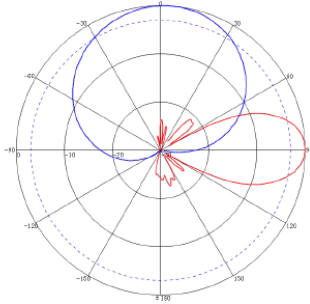
XXXXXPol Directional 698-960/4*1710-2690 11/13/13/13/13dBi 65° 4°/2-12°T

Preliminary

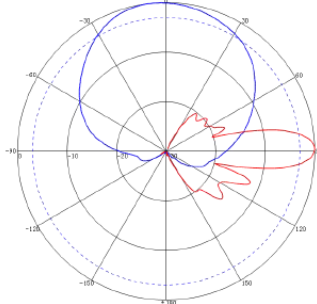
Type	B3212021-V01			
Frequency Range (MHz)	698-960	1710-1920	1920-2170	2170-2690
Gain (dBi)	2 x 11±1	8 x 13±1	8 x 13±1	8 x 13±1
VSWR	≤ 1.5			
3 rd Order PIM (dBc)	≤ -150 @ 2x43dBm			
Polarization	±45°			
Electrical Tilt (°)	4 (Fixed)	2-12		
Horizontal Beamwidth (°)	68±7	65±5	60±5	60±5
Vertical Beamwidth (°)	30	20	15	15
Input Impedance (Ω)	50			
Max. Input Power (W)	250			
Front-to-Back Ratio (dB)	≥ 22			
First Sidelobe Suppression (dB)	≤ -14			
Cross-polar Discrimination (dB)	≥ 15 (±60°: ≥ 8)			
Isolation (dB)	≥ 25 (Intra Band) / ≥ 28 (Inter Band)			
Lightning Protection	DC Grounded			
Connector Type	10 x 4.3-10 Female			
Connector Location	Bottom			
Dimension (mm)	1130 x 385 x 137			
Weight (kgs)	18			
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	NA	Internal RET (comply with AISG2.0/3GPP)		
RET Connector Type	NA	8-pin RS485 female x 1 8-pin RS485 male x 1		

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698-960 $\pm 45^\circ$



1710-2690 $\pm 45^\circ$

