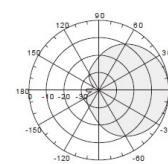


Dual Band X-pol Sector Antenna - Electrical downtilt

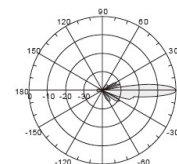
Model: DES0821G17XX65

824-960/1710-2170MHz 65deg 17/17dBi XXpol 0°-8° / 0°-10°

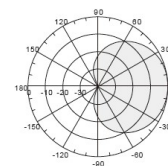
Spec Data			
Electrical Specification	Parameter		
Frequency Range(MHz)	Band 1	Band 2	
	824-960	1710-1880	1920-2170
Polarization	±45°		
Gain	17dBi	17dBi	17.5dBi
RCU Interface	AISG Version2.0		
RCU Technology Type	External RCU		
Horizontal Pattern			
Horizontal Beamwidth	65	65	60
Front-to-Back Ratio	25	25	25
0° Cross Polarization Ratio	15	15	15
±60° Cross Polarization Ratio	10	10	10
Vertical Pattern			
Vertical Beamwidth	7	7	6.5
Upper Sidelobe Level	0...4...8	0...5...10	0...5...10
	16...16...15	16...16...15	16...16...15
Electrical Downtilt	0°-8°	0°-10°	
Electrical Tilt Optional	/	/	
VSWR	1.5	1.5	1.5
Isolation: Intrasystem	-30	-30	-30
Intermodulation IM3(2x43dBm)	≤-150dBc	≤-150dBc	≤-150dBc
Impedance	50Ω	50Ω	50Ω
Power Rating	500W	300W	300W
Mechanical specification			
Antenna Dimensions	2630*369*115 mm		
Packed Dimensions	2730*420*210 mm		
Antenna Weight	22.5kg		
Connector Type	4x7/16DIN-Female		
Radome Material	UPVC		
Reflector Material	Aluminum		
IP Grade	IP55		
Mechanical Downtilt	0-6°		
Operating Temperature	-40°C ~+65°C		
Storage Temperature	-55°C ~+75°C		
Humidity	95%RH@+30		
Ice Protection Ability	10mm		
Max Wind Velocity	200km/h		
Lightning Protection	Direct Ground		



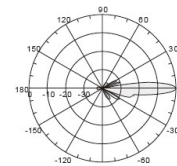
C H-Pattern



C E-Pattern



D+W H-Pattern



D+W E-Pattern

