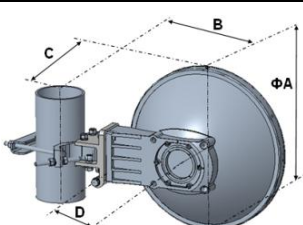


Microwave Antenna Specifications

SLEQ13151823D00B20

**0.3m Ultra High Performance Antenna
Dual-polarized, Quadruple Band,**

Electrical Specifications					
Frequency (GHz)	13G	15G	18G	23G	
Polarization	Dual (V & H)				
Gain , Low(dBi)	30.0	31.3	32.8	34.5	
Gain, Mid(dBi)	30.1	31.5	33.4	35.0	
Gain, Top(dBi)	30.2	31.7	34.0	35.4	
Beam Width	4.7 °	4.1 °	3.2 °	2.7	
Cross-pol. Discrimination_XPD (dB)	30	30	30	30	
F/B Ratio (dB)	56	60	63	62	
ISO(dB)	35				
VSWR / RL (dB)	1.6/14 (If single polarization 1.3/17.7)				
Regulatory Compliance	ETSI EN 302217 ,Class 3				
Mechanical Specifications					
Diameter (m)	0.3				
Antenna Color	RAL 7035				
Radome Options	Foam				
Interface Type	PBR140	PBR220			
Side Struts, Included	1				
Azimuth Adjustment	Coarse : 360 ° Fine : ±15 °				
Elevation Adjustment	Fine : ±15 °				
Diameter of Mounting Pole (mm)	Φ51~Φ114				
Wind Velocity Survival Rating (km/h)	252				
Wind Velocity Operational (km/h)	200				
Ice-load (mm)	25.4				
Operational Temperature (°C)	-45~+60				
Packaging	Carton(trapezoid)				
L×W×H (mm)	490*490*470				
Wind Load Specifications					
Axial Force (N) @ survival wind speed	444				
Side Force (N) @ survival wind speed	219				
Twisting Moment (N•m) @ survival wind speed	141				
	Dimensions (mm)	ΦA	B	C	D
		386	318	137	180
Note: 1. The values of B and C are measured at the pole diameter of 114mm 2. The thickness of the radome is not included in the dimensions of A and C					