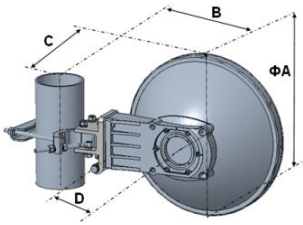


# Microwave Antenna Specifications

**SLM03D13D15D1800B20**

**0.3m Ultra High Performance Antenna  
Dual-polarized, Triple Band, Separated,  
Pre-released**



Electrical Specifications					
Frequency (GHz)	12.75~13.25	14.4~15.35	17.7~19.7		
Polarization	Dual (V & H)				
Gain , Low(dBi)	30.0	31.3	32.8		
Gain, Mid(dBi)	30.1	31.5	33.4		
Gain, Top(dBi)	30.2	31.7	34.0		
Beam Width	4.7 °	4.1	3.2		
Cross-pol. Discrimination_XPD (dB)	30	30	30		
F/B Ratio (dB)	56	59	61		
Isolation (dB)	35	35	35		
VSWR / RL (dB)	1.5/14	1.5/14	1.5/14		
Regulatory Compliance	ETSI EN 302217 ,Class 2 or class 3				
Mechanical Specifications					
Diameter (m)	0.3				
Antenna Color	RAL 7035				
Radome Options	Foam				
Interface Type	PBR120	PBR140	PBR220		
Side Struts, Included	0				
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				
L×W×H (mm)	480*480*267				
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	ΦA	B	C	D
	(mm)	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					