



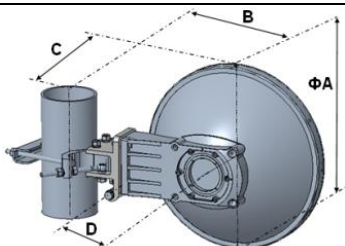
Microwave Antenna Specifications

SLA0317S3S18C20

17, 18 GHz, 0.3m

RACOM RAY unit direct mounting



Electrical Specifications				
Frequency (GHz)	17.1~19.7			
Polarization	Single(V or H)			
Gain , Low(dBi)	33.3			
Gain, Mid(dBi)	34			
Gain, Top(dBi)	34.6			
Beam Width	3.2°			
Cross-pol. Discrimination_XPD (dB)	30			
F/B Ratio (dB)	63			
VSWR / RL (dB)	1.3/17.7			
Regulatory Compliance	ETSI EN 302217 Range 2 Class 3 US FCC Part 101.115 B2			
Mechanical Specifications				
Diameter (m)	0.3			
Antenna Color	RAL7035			
Radome Options	Foam			
Interface Type	Circular waveguide Dia 11mm			
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			
Net weight(Kg)	5.9			
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
	(mm)	386	318	137
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				