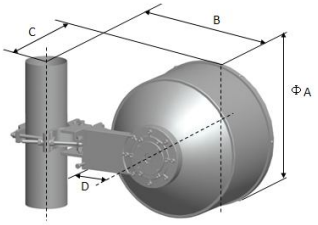




TYA03E028S

**0.3m, Extremely High Performance,
Single-Polarized, 27.50 ~ 29.50GHz**

Electrical Specifications	
Frequency (GHz)	27.50~29.50
Polarization	Single (V or H)
Gain , Low(dBi)	37.7
Gain, Mid(dBi)	38.0
Gain, Top(dBi)	38.3
Beam Width (deg)	2.2
Cross-pol. Discrimination_XPD (dB)	30
F/B Ratio (dB)	70
VSWR (max)	1.3
Regulatory Compliance	ETSI Class4
Mechanical Specifications	
Diameter (m)	0.3
Antenna Color	Pantone Cool Gray 1C
Wave-guide Size	153 IEC-R320
Radome Options	Molded
Azimuth Adjustment	Coarse : 360 ° Fine : ±15 °
Elevation Adjustment	Coarse : ±25° Fine : ±15 °
Diameter of Mounting Pole (mm)	Φ51~Φ114
Wind Velocity Survival Rating (m/s)	70
Wind Velocity Operational (m/s)	56
Ice-load (mm)	25.4
Operational Temperature (°C)	-45~+60
Axial Force (N)	474
Side Force (N)	234
Twisting Moment (N•m)	175
Packaging	Carton
L×W×H (mm)	500×450×430

	Dimensions (mm)	A	B	C	D
		399	367	255	200
Note: 1.The values of B and C are acquired when the pole diameter is 114 2.Dimensions of A and C are Not including the thickness of radome					

Ver.	Date	Description	Drafted	Approved
1.0	2017-01-01	Released	JH.Luo	CL.Xu