

**BRIEF INTRODUCTION :**

An offset dish antenna is a type of parabolic antenna. It is so called because the antenna feed is offset to the side of the reflector, in contrast to the common front-fed parabolic antenna where the feed is in front of the dish, on its axis. As in a front-fed parabolic dish, the feed is located at the focal point of the reflector, but the reflector is an asymmetric segment of a paraboloid, so the focus is located to the side.

SPECIFICATIONS :

SPECIFICATIONS : Ku Band 120cm Satellite Dish Antenna			
Brand	ACE	WALL&POLE MOUNT	
Model	TDT-KU-120	Type	Universal
REFLECTOR		Angel	AZ/EL
Type	Offset	Material	Galvanized Steel
Offset Angle	24.62	Finish Coat	Polyester powder Coating
Aperture Diameter	120 cm	Color	Black
Reception Frequency:KU-Band	10.70-12.75 GHz	Azimuth Alignment	0° - 360°
Reception Frequency:C-Band	-	Elevation Alignment	15° - 70°
Antenna Gain:KU-Band	41.60-43.12dB	Aperture Diameter	42 mm
Antenna Gain:C-Band	-	Acceptable Pole Diameter	32 mm-60 mm
Material	Steel Plate	ENVIRONMENT	
Surface Finish Coating	Polyester powder Coating	Operating temperature	-30°C-60°C
Color	White Gray	Relative Humidity	0% - 9%
Small Axis Diameter	120 cm	Operational Winds	50 m/sec
Long Axis Diameter	132 cm	Wind Speed	May take over 25m/sec
F/D Ratio	0.5		May repeat 40m/sec
Support	Is multi-purpose		Not breakage 60m/sec

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