

Specifications

DTH

RF performance

	<i>Ku-Band 66 cm Series B</i>
<i>F/D</i>	<i>0.67</i>
<i>Operating frequency</i>	<i>10.70 – 12.75 GHz</i>
<i>Gain (± 0.3 dBi)</i>	<i>37.62 dBi @ 12.75 GHz</i>
<i>3 dB beamwidth</i>	<i>2.57° @ 12.75 GHz</i>
<i>Antenna Cross-Polarization</i>	<i>> 30 dB (on axis)</i>
<i>VSWR</i>	<i>1.3 : 1 Max.</i>



Mechanical performance

Material	Steel
Antenna Optics	One-piece offset feed prime focus (Non rolled) Type : Elliptical
Mount Type	Elevation over azimuth
Reflector tilt adjustments (skew) and Marking	60° to 160° in 2° increments with the 90° offset
Elevation Adjustment Range	10° - 90° continuous fine adjustment
Azimuth Adjustment Range	360° Continuous
Mast Pipe Size	42mm OD or 50mm OD
Wind Loading (Operational)	80 km/h
(Survival)	180 km/h
Temperature (Operational)	-40°C to 60°C
Rain (Operational)	10 mm/h
Atmospheric Conditions	Salt, Pollutants and Contaminants as encountered in coastal and industrial areas: 720 hours ASTM B117 salt spray
Humidity	0 to 100% with condensation

Please note that product designs and specifications are subject to refinement and may evolve from the descriptions provided.



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