

Specifications

DTH

RF performance

	Ku-Band EE-66
F/D	0.7
Operating frequency	10.70 – 12.75 GHz
Gain (± 0.3 dBi)	37.54 dBi @ 12.75 GHz
3 dB beamwidth	2.68° @ 12.75 GHz



Mechanical performance

Material	Steel
Antenna Optics	One-piece offset feed prime focus (Non-rolled Edge)
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
Wind Loading (Operational) (Survival)	80 km/h 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
Mast Pipe Size	32mm or 42mm OD

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



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