

Specifications

DTH

RF performance

| | Ku-Band | 150 cm Series |
|----------------------------|-----------------------|---------------|
| F/D | | 0.6 |
| Operating frequency | 10.70 – 12.75 GHz | |
| Gain (± 0.3 dBi) | 45.10 dBi @ 12.75 GHz | |
| 3 dB beamwidth | 1.10° @ 12.75 GHz | |
| Antenna Cross-Polarization | > 30 dB (on axis) | |
| VSWR | 1.3 : 1 Max. | |

Mechanical performance

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| Material | Steel |
| Antenna Optics | One-piece offset feed prime focus |
| Mount Type | Elevation over azimuth |
| Elevation Adjustment Range | 15° - 90° continuous fine adjustment |
| Azimuth Adjustment Range | 360° Continuous |
| Mast Pipe Size | 76-89mm OD |
| 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 |



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