

Specifications

DTH

RF performance

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|----------------------------|-----------------------|
| | Ku-Band 60 cm Series |
| F/D | 0.625 |
| Operating frequency | 10.70 – 12.75 GHz |
| Gain (± 0.3 dBi) | 36.30 dBi @ 12.75 GHz |
| 3 dB beamwidth | 2.95° @ 12.75 GHz |
| Antenna Cross-Polarization | > 30 dB (on axis) |
| VSWR | 1.3 : 1 Max. |

Mechanical performance

| | |
|----------------------------|--|
| Material | Steel |
| Antenna Optics | One-piece offset feed prime focus (Non rolled) |
| Mount Type | Elevation over azimuth |
| Elevation Adjustment Range | 20° - 60° continuous fine adjustment |
| Azimuth Adjustment Range | 360° Continuous |
| Mast Pipe Size | 32mm/42mm 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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