



## EHS08/19X90-18D0T

Dual band antenna fixed electrical tilt

### Main Specification

|               |                |
|---------------|----------------|
| Polarisation  | Xpol +45° -45° |
| Gain          | 18 dBi         |
| HBW           | 90°            |
| Elec Downtilt | 0°             |

### Electrical Specifications

|                           |        | Units     |           |
|---------------------------|--------|-----------|-----------|
| Frequency                 | MHz    | 820-896   | 1850-1990 |
| Gain                      | dBi    | 17        | 18        |
| VSWR                      | 1.4    | 1.4       |           |
| Isolation                 | dB     | >30       | >30       |
| Horizontal Beam width     | degree | 90        | 90        |
| Vertical Beam Width       | degree | 7         | 4.5       |
| Electrical Downtilt       | degree | 0         | 0         |
| Front To Back Ratio       | dB     | >23       | >23       |
| Impedance                 | Ohms   | 50        | 50        |
| Intermodulation 3rd Order | dBm    | -107      | -107      |
| Maximum Power Input       | W      | 500       | 500       |
| Lightning Protection      |        | DC Ground |           |

### Mechanical Specifications

|                          |                     |
|--------------------------|---------------------|
| Input Connector          | 4 x 7/16 DIN Female |
| Connector Location       | Bottom              |
| Dimension H x W x D      | 2520 x 272 x 153mm  |
| Weight                   | 24kg                |
| Radome Material / Colour | Fiberglass          |
| Mechanical Tilt          | 0-12                |



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Operating Temperature

-40~65