



## XA-65-16-T6

Cross polarised single band antenna.

### Main Specification

|               |                 |
|---------------|-----------------|
| Polarisation  | Xpol +45°, -45° |
| Gain          | 15.5 dBi        |
| HBW           | 65°             |
| Elec Downtilt | 6°              |
| Frequency     | 820-900 MHz     |

| Electrical Specifications         | Units  | Value   |
|-----------------------------------|--------|---------|
| Frequency                         | MHz    | 820-900 |
| Gain                              | dBi    | 15.5    |
| Horizontal -3dB Beamwidth         | degree | 65      |
| Vertical - 3dB Beamwidth          | degree | 13      |
| Electrical Downtilt               | degree | 6       |
| Front To Back Ratio               | dB     | >27     |
| Isolation between Polarizations   | dB     | >30     |
| First Upper Side Lobe Suppression | dB     | 14      |
| VSWR                              |        | <1.33   |
| Impedance                         | Ohms   | 50      |
| Intermodulation 3rd Order         | dBc    | -150    |
| Maximum Power Input               | W      | 500     |

### Mechanical Specifications

|                     |                                    |
|---------------------|------------------------------------|
| Input Connector     | 2 x 7/16 DIN Female                |
| Connector Location  | Bottom                             |
| Dimension H x W x D | 1295 x 255 x 100mm                 |
| Windload @ 200 km/h | Front 562N / Side 232N / Rear 928N |
| Weight              | 7kg                                |



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|                          |                  |
|--------------------------|------------------|
| Lightning Protection     | DC Ground        |
| Reflector Material       | Aluminium        |
| Radome Material / Colour | GRP / Light Gray |