

## WIDE BAND (400-6000 MHz) DIRECTIONAL ANTENNA

| <b>Electrical Specifications</b> |   |
|----------------------------------|---|
| Model                            | TE-400-6000-VIV-DP-22   |
| Freq Range                       | 400-6000 MHz  |
| Gain                             | >0 dBi @ 0.4 GHz<br>>4.0 dBi @ 1.0 GHz<br>>7.5 dBi @ 2.0 GHz<br>> 9.0 dBi - 12.0 dBi from 2.4 GHz to 6.0 GHz  |
| Beamwidth                        | 150 deg (Az) x 80 deg (Ei) @ 0.4 GHz<br>75 deg (Az) x 42 deg (Ei) @ 3 GHz<br>45 deg (Az) x 52 deg (Ei) @ 5 GHz<br>30 deg (Az) x 54 deg (Ei) @ 6 GHz |
| VSWR                             | ≤2.0  |
| Port-to-Port Isolation           | > 30dB  |
| Front-to-back ratio              | > 35dB  |
| Impedance                        | 50Ω   |
| Polarization                     | 2 x Linear (Vertical)   |
| RF Interface                     | 2X N-Female / 2X SMA- Female  |
| <b>Mechanical Specifications</b> |   |
| Dimension                        | Φ400*200*10mm   |
| Weight                           | <1.5kg  |
| Operational Humidity             | <95%  |
| Operating Temperature            | -40~75°C  |
| Radome Material                  | FRP   |
| Use                              | Outdoor   |

