# 2.4 GHz 14 dBi 90 Degree Dual Polarized Sector Antenna

## Applications:

2.4 GHz ISM band

IEEE 802.11b, 802.11g and 802.11n Wireless LAN Applications

MIMO applications

Wireless Internet Provider "Cell" sites

Public wireless hotspots

| Model | TDS-2425-14HV |
|---|---|
| Frequency Range | 2400-2500 MHz |
| Gain | 14dBi |
| VSWR | ≤ 1.5 |
| Polarization Type | Vertical and horizontal |
| Input Impedance | 50Ω |
| Horizontal Beamwidth | 90° |
| Vertical Beamwidth | 14° |
| Maximum Power | 100W |
| Connector Type | N Female or Requested |
| Lighting Protection | DC Ground |
| Dimension | 510x128x58mm |
| Weight | 2.08 Kg |
| Rated Wind Velocity | 210km/h |
| Working Temperature | -40℃~+60℃ |

# 2.4 GHz 17 dBi 90 Degree Dual Polarized Sector Antenna

## Applications:

2.4 GHz ISM band

IEEE 802.11b, 802.11g and 802.11n Wireless LAN Applications

MIMO applications

Wireless Internet Provider "Cell" sites

Public wireless hotspots

| Model | TDS-2425-17HV |
|---|---|
| Frequency Range | 2400-2500 MHz |
| Gain | 17dBi |
| VSWR | ≤ 1.5 |
| Polarization Type | Vertical and horizontal |
| Input Impedance | 50Ω |
| Horizontal Beamwidth | 90° |
| Vertical Beamwidth | 7° |
| Maximum Power | 100W |
| Connector Type | N Female or Requested |
| Lighting Protection | DC Ground |
| Dimension | 960x128x58mm |
| Weight | 3.2 Kg |
| Rated Wind Velocity | 210km/h |
| Working Temperature | -40℃~+60℃ |

# 2.4&5.8 GHz 14/17 dBi dual band Dual Polarized Sector Antenna

## Applications:

802.11a, 802.11b, 802.11g 802.11n and 802.11ac access points and routers

WiMAX, WISP and WiFi applications

Supports 1x2 and 2x2 MIMO AP/Routers

Homeland Security and Public Safety Services: Fire, Police, Security

Wireless Internet Provider "cell" sites

| Model | TDS-2458-17HV |
|---|---|
| Frequency Range | 2400-2500 MHz/5725-5850MHz |
| Gain | 14dBi/17dBi |
| VSWR | ≤ 1.5 |
| Polarization Type | Vertical and horizontal |
| Input Impedance | 50Ω |
| Horizontal Beamwidth | 65°/ 90° |
| Vertical Beamwidth | 15°/ 8° |
| Maximum Power | 100W |
| Connector Type | N Female or Requested |
| Lighting Protection | DC Ground |
| Dimension | 980x128x58mm |
| Weight | 2.95 Kg |
| Rated Wind Velocity | 210km/h |
| Working Temperature | -40℃~+60℃ |

# 5.8 GHz 18 dBi Dual Polarized Sector Antenna

## Applications:

4.9/5.1/5.3/5.4/5.8 GHz Wireless LAN systems

MIMO PtMP 1x2, 2x2 base station

Supports IEEE 802.11 a/n applications

Homeland Security and Public Safety band

WiMAX, WISP, WiFi, Mobile Communication, Cell-site

| Model | TDS-5158-18HV |
|---|---|
| Frequency Range | 5150-5850MHz |
| Gain | 18dBi |
| VSWR | ≤ 1.8 |
| Polarization Type | Vertical and horizontal |
| Input Impedance | 50Ω |
| Horizontal Beamwidth | 65° |
| Vertical Beamwidth | 7° |
| Maximum Power | 100W |
| Connector Type | N Female or Requested |
| Lighting Protection | DC Ground |
| Dimension | 510x128x58mm |
| Weight | 2.28Kg |
| Rated Wind Velocity | 210km/h |
| Working Temperature | -40℃~+60℃ |

# 1710-2170 MHz 14 dBi Dual Polarized Sector Antenna

## Applications:

1710 to2170 Band Applications

MIMO PtMP 1x2, 2x2 base station

Supports IEEE 802.11 a/n applications

| Model | TDS-1727-14HV |
|---|---|
| Frequency Range | 1710-2700MHz |
| Gain | 14.5±0.5dBi |
| VSWR | ≤ 1.5 |
| Polarization Type | ±45° |
| Input Impedance | 50Ω |
| Horizontal Beamwidth | 65±8° |
| Vertical Beamwidth | 15±1° |
| Maximum Power | 100W |
| Connector Type | N Female or Requested |
| Lighting Protection | DC Ground |
| Dimension | 510x128x58mm |
| Weight | 1.98 Kg |
| Rated Wind Velocity | 210km/h |
| Working Temperature | -40℃~+60℃ |

# 2.4 GHz 16 dBi 120 degree Sector Antenna

## Applications:

2.4 GHz ISM band

IEEE 802.11b, 802.11g and 802.11n Wireless LAN Applications

Wireless Internet Provider "Cell" sites

Public wireless hotspots

| Model | TDS-2425-16 |
|---|---|
| Frequency Range | 2400-2500 MHz |
| Gain | 16dBi |
| VSWR | ≤ 1.5 |
| Polarization Type | Vertical |
| Input Impedance | 50Ω |
| Horizontal Beamwidth | 120° |
| Vertical Beamwidth | 7.4° |
| Maximum Power | 100W |
| Connector Type | N Female or Requested |
| Lighting Protection | DC Ground |
| Dimension | 958x174x79mm |
| Weight | 5.2 Kg |
| Rated Wind Velocity | 210km/h |
| Working Temperature | -40℃~+60℃ |

# 698-2700MHz LTE 7/9 dBi Sector Antenna

## Applications:

DAS (Distributed Antenna Systems)

700 MHz and cellular applications

PCS (Personal communications service) band applications

LTE networks

Frequency coverage for 700 MHz, 850 MHz, AWS and PCS bands

Integral N-Female connector Compact design

| Model | TDS-0627-9 |
|---|---|
| Frequency Range | 698-960MHz/ 1710-2700MHz |
| Gain | 7dBi/9dBi |
| VSWR | ≤1.8/ ≤ 1.5 |
| Polarization Type | ±45° |
| Input Impedance | 50Ω |
| Horizontal Beamwidth | 65±5° |
| Vertical Beamwidth | 60±5° |
| Maximum Power | 100W |
| Connector Type | N Female or Requested |
| Lighting Protection | DC Ground |
| Dimension | 450x280x180mm |
| Weight | 2.5 Kg |
| Rated Wind Velocity | 210km/h |
| Working Temperature | -40℃~+60℃ |

# 3300-3800 MHz 15 dBi Sector Antenna

## Applications:

Adjustable dual polarity feed horn system

(2) N-Female connectors

3300-3800MHz 5G

MIMO and 802.11 n Applications

Long Distance Backhaul and Point to multi Point Data Links

| Model | TDS-3338-15 |
|---|---|
| Frequency Range | 3300-3800MHz |
| Gain | 15dBi |
| VSWR | ≤ 1.5 |
| Polarization Type | Vertical and horizontal |
| Input Impedance | 50Ω |
| Horizontal Beamwidth | 65° |
| Vertical Beamwidth | 14±1° |
| Maximum Power | 100W |
| Connector Type | N Female or Requested |
| Lighting Protection | DC Ground |
| Dimension | 510x128x58mm |
| Weight | 1.98 Kg |
| Rated Wind Velocity | 210km/h |
| Working Temperature | -40℃~+60℃ |