

433MHz 5 dBi Fiberglass Omni Directional Antenna

Applications:

Lightweight fiberglass radome

All weather operation

GMRS SCADA

UHF Business Band

Family Radio Service 2-Way



Model	TQO-433-5
Frequency Range	433MHz
Gain	5dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	28±2°
Maximum Power	100W
Connector Type	N-male or requested
Lighting Protection	DC Ground
Dimension	Φ25x1100mm
Weight	0.56Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

902-928MHz 8dBi Fiberglass Omni Directional Antenna

Applications:

900 MHz ISM Band & Wireless LAN systems

Multipoint applications

Non Line of Sight (NLOS)

LPWAN, LoRA, IoT, M2M applications

GSM



Model	TQO-9092-8
Frequency Range	902-928 MHz
Gain	8dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	15±1°
Maximum Power	100W
Connector Type	N male or Requested
Lighting Protection	DC Ground
Dimension	Φ25x1100mm
Weight	0.52 Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

698-2700MHz 6dBi MIMO Outdoor Omni 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	TQO-0627-6HV
Frequency Range	698-960/1710-2700 MHz
Gain	4/6dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	40±5° / 25±3°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ75x700mm
Weight	2.1 Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

2.4 GHz 12 dBi Fiberglass Omni Directional Antenna

Applications:

2.4 GHz ISM Band

Supports IEEE 802.11b/g/n applications

WiFi and 2.4 GHz wireless video systems

Bluetooth & Public Wireless Hotspot



Model	TQO-2425-12
Frequency Range	2400-2500 MHz
Gain	12dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	6±1°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ20x1250mm
Weight	0.46Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

2.4 GHz 15 dBi Fiberglass Omni Directional Antenna

Applications:

2.4 GHz ISM Band

Supports IEEE 802.11b/g/n applications

WiFi and 2.4 GHz wireless video systems

Bluetooth & Public Wireless Hotspot

Model	TQO-2425-15
Frequency Range	2400-2500 MHz
Gain	15dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	3±1°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ20x1550mm
Weight	0.6kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃



5.8 GHz 12 dBi Fiberglass Omni Directional Antenna

Applications:

- 5.8GHz UNII applications
- 5.8GHz ISM applications
- 5.8GHz Wireless LAN systems
- WiFi
- Wireless Video Systems



Model	TQO-5758-12
Frequency Range	5725-5850 MHz
Gain	12dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	6±1°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ20x600mm
Weight	0.2 kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

2.4 GHz 5 dBi Fiberglass Omni Directional Antenna

Applications:

2.4 GHz ISM Band

Supports IEEE 802.11b/g/n applications

WiFi and 2.4 GHz wireless video systems

Bluetooth & Public Wireless Hotspot



Model	TQO-2425-5
Frequency Range	2400-2500 MHz
Gain	5dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	28±2°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ20x300mm
Weight	0.14 Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

2.4 GHz 12 dBi Dual Polarity Omnidirectional MIMO/802.11n Antenna

Applications:

2.4 GHz Outdoor Wireless LAN systems

Supports 1x2 and 2x2 MIMO AP/Router

Supports IEEE 802.11b/g/n applications

WiMax, WISP, WiFi, Communication

Hospitality, Industrial, Municipality, MTU/MDU



Model	TQO-2425-12HV
Frequency Range	2400-2500 MHz
Gain	12dBi
VSWR	≤ 1.5
Polarization Type	Horizontal and Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	6±1°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ75x1265mm
Weight	3.5kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

5.1-5.8 GHz 12 dBi Dual Polarity Omni directional Antenna

Applications:

5.1-5.8 GHz Outdoor Wireless LAN systems

Supports 1x2 and 2x2 MIMO AP/Routers

IEEE 802.11a/n applications

WiMax, WISP, WiFi, Communication

Hospitality, Industrial, Municipality, MTU/MDU



Model	TQO-5158-12HV
Frequency Range	5150-5850 MHz
Gain	12dBi
VSWR	≤ 1.5
Polarization Type	Horizontal and Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	6±1°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ75x765mm
Weight	2.4 kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

2.4 GHz 9 dBi Dual Polarity Omni directional Antenna

Applications:

2.4 GHz Outdoor Wireless LAN systems

Supports 1x2 and 2x2 MIMO AP/Router

Supports IEEE 802.11b/g/n applications

WiMax, WISP, WiFi, Communication

Hospitality, Industrial, Municipality, MTU/MDU



Model	TQO-2425-9HV
Frequency Range	2400-2500 MHz
Gain	9dBi
VSWR	≤ 1.5
Polarization Type	Horizontal and Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	12±1°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ75x765mm
Weight	2.4 Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

2.4/ 5 GHz 8 dBi Dual Frequency / Dual Polarized Omni Antenna

Applications:

2.4/5 GHz IEEE 802.11a/b/g and 802.11ac applications

Supports 1x2, 2x2 and 4x4 MIMO AP/Routers

WiMax, WISP and WiFi applications

Wireless video systems

Point-to-multipoint applications

MIMO, separate inputs for 2.4 GHz and 5 GHz - four connectors total

Model	TQO-2458-8HV
Frequency Range	2400-2500MHz / 5150-5800MHz
Gain	8dBi
VSWR	≤ 1.5
Polarization Type	Horizontal and Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	21°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ75x1150mm
Weight	3.0 kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃



902-928MHz 5dBi Fiberglass Omni Antenna

Applications:

900MHz ISM Band

Wireless LAN systems

Cellular, GSM

LPWAN, LoRA, IoT, M2M applications

SCADA, RFID



Model	TQO-0992-5
Frequency Range	902-928MHz
Gain	5dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50 Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	28 \pm 1°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ 18.5x300mm
Weight	0.14 Kg
Rated Wind Velocity	210km/h
Working Temperature	-40°C~+60°C

2.4 GHz 10 dBi Fiberglass Omni Antenna

Applications:

2.4 GHz ISM Band

Supports IEEE 802.11b/g/n applications

WiFi and 2.4 GHz wireless video systems

Bluetooth & Public Wireless Hotspot



Model	TQO-2425-10
Frequency Range	2400-2483MHz
Gain	10dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	10.5°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ19x1060mm
Weight	0.6 Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

2.4 GHz 12 dBi Fiberglass Omni Antenna

Applications:

2.4 GHz ISM Band

Supports IEEE 802.11b/g/n applications

WiFi and 2.4 GHz wireless video systems

Bluetooth & Public Wireless Hotspot



Model	TQO-2425-12
Frequency Range	2400-2483MHz
Gain	12dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	9°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ19x1250mm
Weight	0.8 Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

5.8 GHz 12 dBi Fiberglass Omni Antenna

Applications:

2.4 GHz ISM Band

Supports IEEE 802.11b/g/n applications

WiFi and 2.4 GHz wireless video systems

Bluetooth & Public Wireless Hotspot



Model	TQO-5758-12
Frequency Range	5725-5850MHz
Gain	12dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	7°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ19x770mm
Weight	0.54 Kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

698-2170 MHz 7 dBi Fiberglass Omni Antenna

Applications:

5.1/5.3/5.4/5.8 GHz ISM and UNII Band Applications

4.9 GHz Public Safety Band

MIMO and 802.11 n Applications

Wimax Applications

Long Distance Backhaul and Point to Point Data Links



Model	TQO-0621-7
Frequency Range	698-960MHz/1710-2170MHz
Gain	7dBi
VSWR	≤ 1.5
Polarization Type	Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	18°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ52x1020mm
Weight	1.7 kg
Rated Wind Velocity	210km/h
Working Temperature	-40℃~+60℃

3300-3800 MHz 10 dBi Dual Polarized Omni 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	TQO-3338-10
Frequency Range	3300-3800MHz
Gain	10dBi
VSWR	≤ 1.5
Polarization Type	Horizontal and Vertical
Input Impedance	50Ω
Horizontal Beamwidth	360°
Vertical Beamwidth	7±1°
Maximum Power	100W
Connector Type	N Female or Requested
Lighting Protection	DC Ground
Dimension	Φ75x1000mm
Weight	2.6 kg
Rated Wind Velocity	210km/h
Working Temperature	-40°C~+60°C