



# Microphone Antenna

## T-522S



### Description:

The polarized antenna is suitable for conference rooms, lecture halls and other places. It supports ceiling, wall-mounted and vertical installation.

### Feature:

- \* Adopt 45 degree polarized broadband omni-directional antenna for professional UHF band wireless true diversity receiver.
- \* The beam of the main unit of the antenna is focused in front of the antenna, which can provide uniform radiation pattern in the vertical or horizontal direction, and also can improve the signal strength behind it.
- \* The antenna's bandwidth covers the 550MHz~850MHz frequency range of wireless microphone regulations, and has a gain of 8dBi with high directional characteristics.
- \* It can be used in professional wireless transmission projects of the most complicated performance or conference environment, and the signal barely fades, so as to provide a longer transmission distance, anti-interference and the most stable signal reception effect.
- \* The antenna output cable is connected in series with the antenna amplifier and directly connected to the receiver (recommended to use a coaxial cable of no more than 25 meters); the amplifier has a gain of 10dB±1dB, which is designed for long-distance reception by the receiver and compensates for signal loss caused by the cable connection with the receiver, improving the receiving distance and the best signal quality.

### Specification:

Mode	T-522S
Frequency range	550MHz~850MHz
Polarization mode	45°
Gain	8dBi
Half power lobe width	H:76°±5°, V:76°±5°
<a href="#">Front-to-rear ratio</a>	≥23dB
Input impedance	50Ω
VSWR	≤2.0
Cross polarization discrimination rate	≥15dB@0°, ≥10dB@+/-60°
Upper first side lobe suppression	15dB
Maximum power	50W
Lightning protection	DC grounding
Connector	BNC
Cable	0.3m
Antenna size	284×284×80mm
Antenna weight	1.24Kg
Case material	ABS
Case color	White
Working temperature	-40°c~60°c
Maximum wind speed	60m/s
Pole diameter	∅ 35~∅ 50mm