itc · AUDIO PERIPHERALS

T-522S

Microphone Antenna

The itc T-522S is a microphone Antenna from itc's Audio Peripherals range, built for system integration — processing, feedback control, connectivity and wireless microphone distribution.

Key figures: half power lobe width H:76°±5°, V:76°±5°; maximum power 50W; frequency range 550MHz□850MHz. Highlights include the beam is focused in front of the antenna, the beam is focused in front of the antenna and powerful performance.



Key features

- 45 degree polarized broadband omni-directional antenna — For professional UHF band wireless true diversity receiver
- The beam is focused in front of the antenna — Provide uniform radiation patterns the vertical or horizontal direction Improve the signal strength of the back
- The beam is focused in front of the antenna — Provide uniform radiation patterns the vertical or horizontal direction Improve the signal strength of the back
- Powerful performance — No fading Longer transmission distance Anti-interference characteristics The most stable signal reception effect

Technical specifications

Mode	T-522S
Frequency range	550MHz□850MHz
Polarization mode	45°
Gain	8dBi
Half power lobe width	H:76°±5°, V:76°±5°
Front-to-rear ratio	≥23dB
Input impedance	50Ω
VSWR	≤2.0
Cross polarization discrimination rate	≥15dB@0º□≥10dB@+/-60º
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

Continued specifications on request.