itc · AUDIO PERIPHERALS

T-522A

Antenna Splitter

The itc T-522A is an antenna Splitter from itc's Audio Peripherals range, built for system integration — processing, feedback control, connectivity and wireless microphone distribution.

Key figures: power supply 12V DC 3000mA; distributed power output 12V DC, total load of 4 receivers can not exceed 3A; frequency band 470-960MHz. Highlights include simplify the antenna assembly project and system composition.



Key features

- Provide automatic channel selection for 4 T-521UH series — Share a pair of antennas and a power supply
- Simplify the antenna assembly project — Improve the receiving distance and efficiency
- System composition — Wide-band log-periodic dipole array antenna / dual-polarized antenna / omnidirectional whip antenna, amplifier, and splitter Pick up and amplify the signal to output and distribute

Technical specifications

Frequency band	470-960MHz
I/O gain	+1.0dB (band center)
I/O impedance	50Ω
LINK output gain	About 5 dBm, it varies in each frequency band
RF output attenuation	About -3dBm, it varies in each frequency band
1 splitter	4 receivers supporting 2 antennas
2 splitters	8 receivers supporting 2 antennas
5 splitters	20 receivers supporting 2 antennas
Bandwidth	320MHz
Power supply	12V DC 3000mA
Distributed power output	12V DC, total load of 4 receivers can not exceed 3A
Antenna BNC input interface	BNC 5V DC 100mA
Net weight	1.82kg
Gross weight	3.03kg (including adapter×1, coaxial cable×10, power distribution line×4)
Product size	420×44×180.8mm (W×H×D) (with panel size)
Inner package size	516×77×407mm (W×H×D)
Outer package size	530×420×430mm (W×H×D) (5 units in 1 outer package)