

30-6000MHz Direction Finding And Monitoring Antenna

Product Code:ZD-30T6000



PRODUCT DESCRIPTION:

This antenna employs a three-layer, five-element circular array structure, featuring small size, light weight, and foldable storage, making it suitable for portable field applications. It is used for direction finding of signals ranging from 30MHz to 6000MHz. It offers various output signal specifications, including dual-channel and five-channel options. The system's direction finding accuracy reference value is 2°RMS.

SPECIFICATATIONS:

Frequency Range	Band A:30-600MHz Band B:600-3000MHz Band C:3000-6000MHz
Polarization	Vertical
VSWR	≤2.5(typical)
Unit Antenna Gain	≥10dBi(typical)
Unit Antenna Amplitude Consistency	≤1dB(RMS)
Unit antenna phase Consistency	≤8°(RMS)
Unit Antenna Receiving Sensitivity	≤12uV/m (typical, (S+N)/N=3dB, BW=10kHz)
Burn-out Resistance Power	≥2W(Continuous wave, designed to guarantee)
RF Output Interface	Cluster sockets/individual sockets
Control And Power Supply Interfaces	Aviation socket
Unfolded Size	≤Φ1300mm*H1100mm
Shrink Size	≤Φ330mm*H900mm
Weight	≤8.5Kg