

Directional Yagi-Uda Antenna for Radio Communication

The Yagi-Uda antenna is a directional antenna used in radio communication. It consists of a driven element, a reflector element, and one or more director elements to focus sensitivity in a single direction.



General Overview

High-Performance Directional Communication

The Yagi-Uda antenna is a professional-grade directional antenna engineered for superior radio communication performance. Featuring an optimized configuration of a driven element, reflector, and multiple directors, this unit provides exceptional gain and focused directivity. It is an ideal solution for applications requiring reliable long-range wireless links, point-to-point communication, and television reception.

Technical Specifications

Element Configuration

- Driven element (connected to transmission line)
- Reflector element (longer than driven element)
- Director elements (shorter than driven element)

Antenna Design	Yagi-Uda (Directional)
Core Capabilities	High Gain, Directional Sensitivity, Long-range optimized, Point-to-point support

Application

Industry Applications

Application Area

- Television reception
- Point-to-point communication
- Long-range wireless links