

LDP Aerial



Designed and manufactured to the highest quality standards, the UHF Centre-Fed Dipole Antenna delivers dependable performance for professional radio communications applications. Its rugged construction, excellent electrical characteristics, and IP68-rated environmental protection make it ideal for demanding outdoor and industrial installations.

Built for Professional Communications

Whether deployed in industrial facilities, utility networks, transport infrastructure, or remote telemetry systems, the Scope Communications UK UHF Centre-Fed Dipole Antenna provides the durability, reliability, and performance required for mission-critical communications.

Extend Your Scope network Coverage

When fitted as an external antenna, the Scope Communications UK UHF Centre-Fed Dipole can significantly improve radio system performance compared with handheld or internally mounted antennas. By mounting the antenna in an elevated position and clear of obstructions, users can benefit from:

- Increased Scope network communication range
- Improved signal strength and reliability
- Enhanced coverage for fixed stations, control rooms, and repeater sites

More consistent performance across the entire UHF operating band.

The antenna's rugged IP68-rated construction makes it ideal for permanent external installations in challenging environmental conditions, ensuring dependable operation year-round.

External Mounting Advantages

The supplied mounting bracket allows quick installation on walls, masts, poles, or equipment enclosures. Combined with the 5 m RG58CU cable and choice of BNC or SMA connector, integration into existing radio systems is straightforward and cost-effective.

Specification:

Frequency Range: 420–470 MHz

Antenna Type: Centre-Fed Dipole

Polarization: Linear (Vertical)

Impedance: 50 Ω

Gain: 0 dBd

VSWR: 1.2:1

Antistatic Protection: All metal parts DC-grounded

Cable: 5 m RG58CU

Connector Options: BNC or SMA

Construction: Double whip configuration

Enclosure: Fully molded

Dimensions: (L × H × D) 130 × 300 × 45 mm

Weight: 0.295 kg

Operating Temperature: -40°C to +85°C

Ingress Protection: IP68

Mounting Bracket: Included

Part codes:

LDPSMA with SMA Connector fitting

LDPBNC with BNC Connector fitting

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