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Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

Lightweight dipole aerial, SMA connector

Accessories - Radio Accessories

Part No. LDPSMA

www.illuminoignis.co.uk

Product Details

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.



Key Features

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

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.

Technical Specifications

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

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