

Item no.: 382626

39536 - A-HELI-0004-IS 1x WiFi circular polarised antenna IP65 Outdoor

from **456,67 EUR**

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shipping weight: 1.50 kg
Manufacturer: Poynting



Product Description

The HELI-4-IS is a high gain unidirectional antenna that complements our Wi-Fi MinePoynt tunnelling and mining antennas. The combination of the MinePoynt beam antennas for long-range connections through tunnels with this directional antenna utilises Poynting's fifteen years of experience in the design and manufacture of antennas for underground data networks. This antenna is also suitable for oil/gas chemical environments where intrinsically safe (IS) equipment is required. The tunnel antenna is the ideal antenna for wireless 2.4 - 2.5 GHz applications in tunnels. In tests, this antenna has achieved both a higher data rate and a greater range than linearly polarised panel antennas with the same gain. The robust design of this antenna makes it ideal for use in mining applications. The HELI-4-IS provides you with a cost-effective network infrastructure for today's voice and data requirements in mines and tunnels.

SCOPE OF DELIVERY Antenna, two 6mm screws for ceiling mounting

HIGHLIGHTS- Improved signal propagation and connection stability within a tunnel- Unidirectional - radiates in one direction in the tunnel- Covers the Wi-Fi band from 2400 - 2500MHz- Careful mechanical design ensures robustness, water and dust resistance- Ideal for M2M and Wi-Fi deployments in mining and tunnels- Easy installation with eyebolts for ceiling mounting and base plate- IS intrinsic safety

TECHNICAL DETAILS- 1x WiFi- IP65 outdoor intrinsic safety- 14.5dBi max. 2.4-2.5GHz- N(f)- Ceiling mount- MIL-STD 810F/ASTM B117, IK08, UL 94-HB

APPLICATION AREAS- Complement fibre/cable networks by providing wireless "hotspots" in areas to improve mobility or extend networks to inaccessible areas such as mines and tunnels- Underground telemetry- Creating complete tunnel-based/mine-wide data networks and/or internet connectivity- Seamless connection to personnel via VOIP phones, smart devices and tablets- M2M applications

Specifications

Scan this QR code to
view the product

All details, up-to-date
prices and availability

