

Item no.: 382638

39538 - A-HELI-0008-IS 1x WiFi circular polarised antenna IP65 Outdoor

from **845,41 EUR**

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shipping weight: 6.10 kg
Manufacturer: Poynting



Product Description

The HELI-8-IS is a high gain bi-directional antenna that complements our Wi-Fi MinePoynt tunnelling and mining antennas. The combination of the MinePoynt beam antennas for long-range tunnel connections 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 chemical environments in the oil and gas industry where IS equipment is required. The HELI 8 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. HELI-8 is a bidirectional antenna, while the closely related HELI-3 only transmits in one direction. This antenna provides you with a cost-effective network infrastructure for current 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 in tunnels- Circular polarised- Bidirectional - Radiates in both directions in a tunnel- Careful mechanical design ensures robustness, water and dust resistance- Ideal for M2M and IoT deployments in mining and tunnels- 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
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All details, up-to-date
prices and availability

