



UltraTEV® Plus² UHF Directional Antenna

Technical Specification

The directional antenna simply connects to the UltraTEV Plus² smart accessory port via the UHF receiver, so you can start to take UHF measurements quickly and with ease.

Features include:

- Ideal for outdoor switchyards.
- Easy to use and quick to identify internal PD problems.
- Rugged construction and safe to use around open terminal switchgear.
- Prevents costly and dangerous failures.



UHF Directional Antenna Specifications

HARDWARE MEASUREMENTS

Enclosure	Self-coloured vacuum formed plastic case
Indicators	None
Controls	None
Connectors	1x BNC signal port

DIMENSIONS

Size	440mm x 440mm x 110mm
Weight	2.1kg

ENVIRONMENTAL MEASUREMENTS

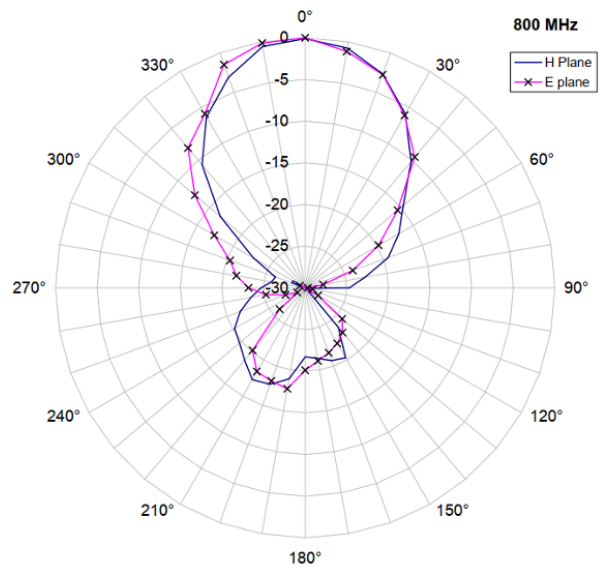
Operating temperature	0 - 55 °C
Humidity	0 - 90 % non-condensing
IP rating	42 (EN 60529)

ANTENNA

Forward gain	13.6 dBi at 800 MHz
Beamwidth	40° in E-plane and 50° in H-plane
Approximate bandwidth	100 MHz centred on 800 MHz
Maximum sensitivity frequency	800 MHz
Front to back ratio	Approximately 20 dB

Radiation pattern (800 MHz)

Normalized Radiation Pattern



* Please note this accessory requires UltraTEV Plus² V8 Hardware or higher and a UHF Receiver.



Safer, stronger, smarter networks

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