



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

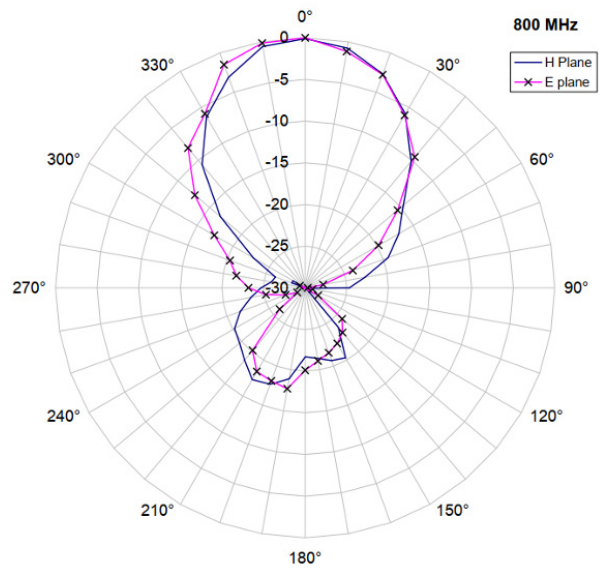
Operating temperature	0 - 55 °C
Humidity	0 - 90 % non-condensing
IP rating	42 (EN 60529)

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



Safer, stronger, smarter networks

EA Technology Limited
Capenhurst Technology Park
Capenhurst, Chester CH1 6ES

t +44 (0) 151 347 2376
e sales@eatechnology.com
www.eatechnology.com