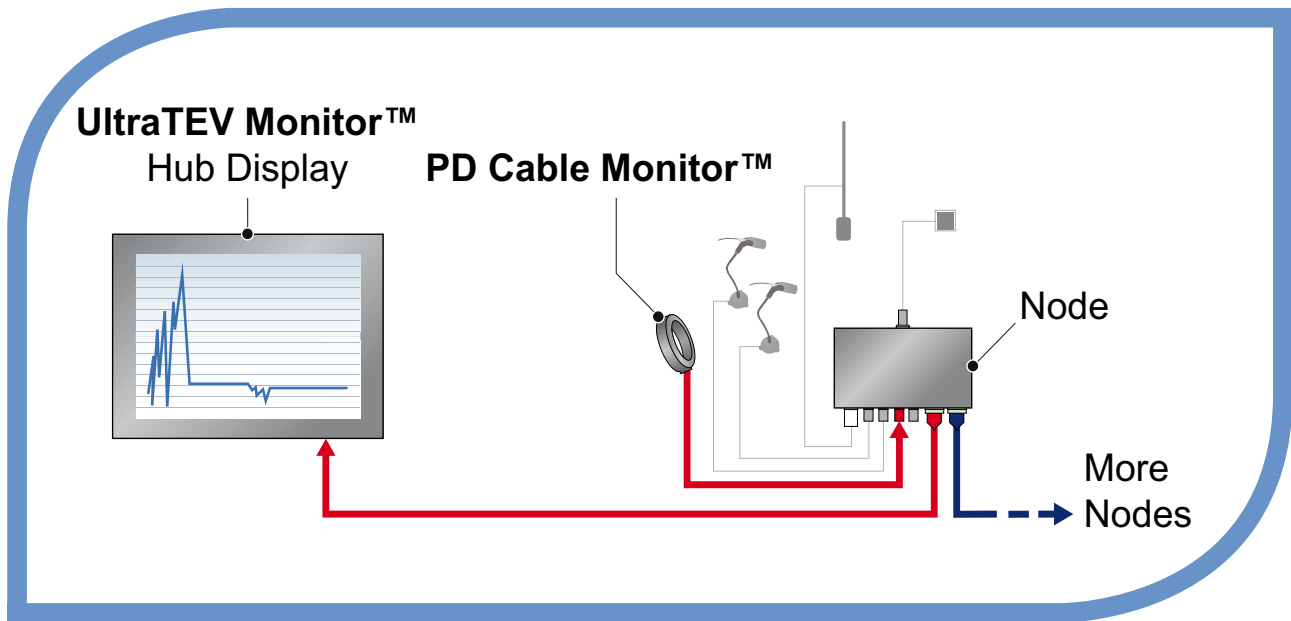




PD Cable Monitor™

PD monitoring and alarm module for the
UltraTEV Monitor™

Tests for PD activity in LIVE CABLES, 24/7



benefits

- Fully integrated addition to the UltraTEV Monitor™
- Identifies PD faults in cables BEFORE they develop into failures
- Monitors cable condition in REAL TIME
- Automatically generates alarms when cable PD activity is at critical levels
- Captures waveforms for optional analysis service, mapping the location of PD activity

fact: 85% of disruptive substation failures are PD related

fact: Partial Discharge will always ultimately lead to asset failure

features

- Continuously tests single or multiple LIVE CABLES for PD activity
- Works with all types of HV/MV cable up to 4km long
- Simple plug-and-play deployment – permanent or temporary
- Clear graphical display of PD activity via web-enabled hub
- Available to buy or as a site survey service

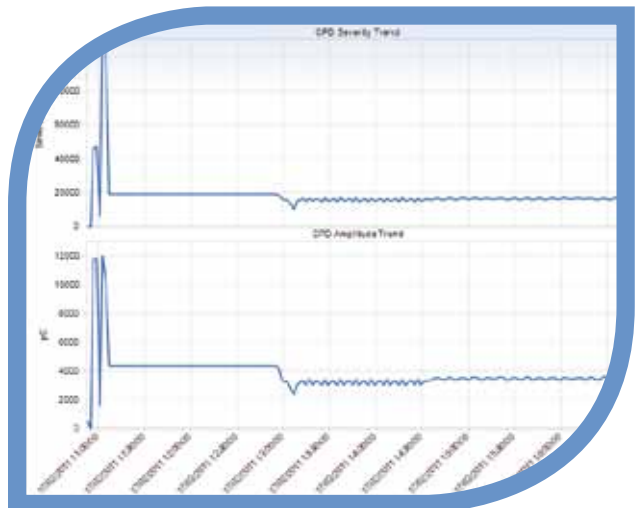
1. PD Cable Monitor™ RFCTs are easily attached to earth connections from the cable sheath to the substation grounding system. Multiple cables can be monitored simultaneously.



2. PD Cable Monitor™ RFCTs simply plug into the UltraTEV Monitor™'s multi-sensor nodes.



3. The UltraTEV Monitor™'s web-enabled hub shows information gathered by the PD Cable Monitor™ graphically in real time. Parameters include severity, magnitude and pulse count.



RFCT technical data

CONNECTIONS	
Type	2 Pin Lemo
Cable Type	2 Pin Lemo to 3 Pin Lemo
Cable Length	2m
SENSITIVITY	
Input Frequency	200kHz – 20MHz
Measurement Range	0-60,000pC
Resolution	30pC
DIMENSIONS	
Size	100 x 127 x 25mm
Weight	320g
Internal Diameter	45mm
ENVIRONMENTAL	
Operating Temperature	0 to 50 degrees C
Humidity	0-95% RH non-condensing
IP Rating	53

To find out more, why not see the Podcasts at: www.eapodcasts.com

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

tel +44 (0) 151 339 4181
fax +44 (0) 151 347 2404
email sales@eatechnology.com
web www.eatechnology.com



Improving Network Performance



Facilitating Low Carbon Energy



Delivering New Technology



Developing Your Team



Communicating the Message

