

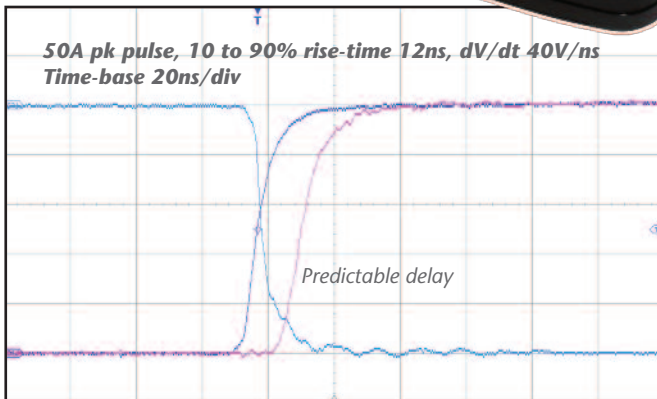
CWTMini50HF

Double screened 0.5m BNC output cable

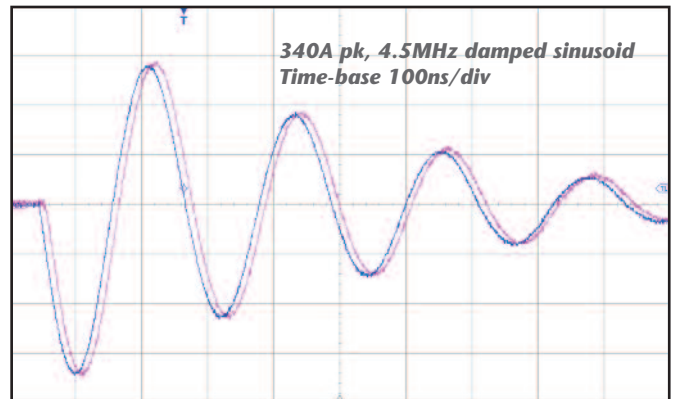
**High Frequency
(-3dB) 50MHz
Rise-time 12.5ns**

Thin, screened coil for high dV/dt immunity 100mm long, 3.5mm thick, 2kV peak

Introducing the NEW CWTMini50HF, an extension of the CWTMiniHF range for even faster transient current measurement



Ch1 - (2GHz) Co-axial shunt (10A/div)
Ch2 - CWTMini50HF 3/B/1/100/2 - 10mV/A, peak current 600A (10A/div)
Ch3 - Voltage close to the coil - 100V/div



Ch1 - (2GHz) Co-axial shunt (100A/div)
Ch2 - CWTMini50HF 3/B/1/100/2 - 10mV/A, peak current 600A (100A/div)

Model	Sensitivity (mV/A)	Peak current (kA)	Noise max (mVp-p)	Drop (%/ms)	LF (-3dB) bandwidth (Hz)	Peak di/dt (A/ns)	HF (-3dB) bandwidth (MHz) 100mm
CWTMini50HF 015	200	0.03	20	85	150	2.0	50
CWTMini50HF 03	100	0.06	18	78	100	4.0	50
CWTMini50HF 06	50	0.12	12	70	75	8.0	50
CWTMini50HF 1	20	0.3	9.0	53	50	20	50
CWTMini50HF 3	10	0.6	15	11	12	40	50
CWTMini50HF 6	5.0	1.2	15	5.5	6.0	80	50
CWTMini50HF 15	2.0	3.0	12	2.8	3.0	80	50

Generating the part code

E.g. CWTMini50HF 3/R/1/100/2

a CWTMini50HF, Peak current 600A, Rechargeable battery, 1m cable, 100mm circumference coil, 2kV peak coil, 3.5mm thick. All units are supplied with, battery, calibration certificate, hard carry case.

If you have any queries regarding the CWT or require specifications outside our standard ranges please contact us.

www.pemuk.com

August 2019

PENI

Power Electronic Measurements

Gloucester House, 162 Wellington Street, Long Eaton
Nottingham NG10 4HS United Kingdom

T +44 (0) 115 946 9657

F +44 (0) 115 946 8515

E info@pemuk.com

W www.pemuk.com

