

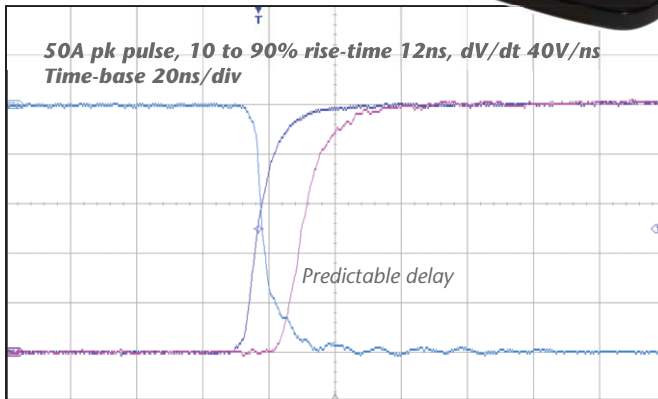
# CWTMini50HF

Double screened 0.5m BNC output cable

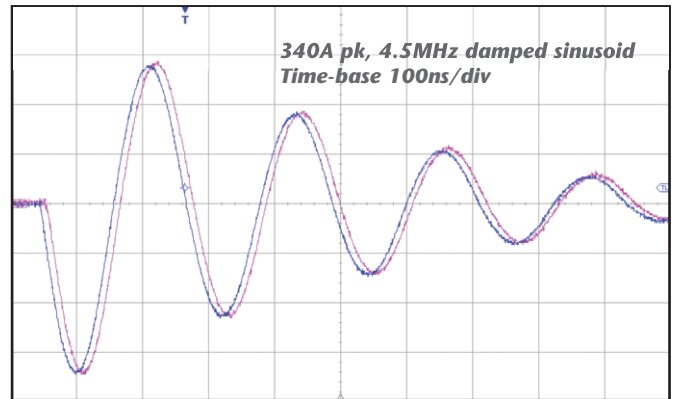
Thin, screened coil for high dV/dt immunity 100mm long, 3.5mm thick, 2kV peak

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

**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)	Droop (%/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](http://www.pemuk.com)

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