

**PEARSON™  
CURRENT  
MONITOR  
MODEL 6585**

Sensitivity	1 V/A $\pm$ 1% 0.5 V/A into 50 $\Omega$
Output resistance	50 $\Omega$
Maximum peak current	500 A
Maximum rms current	10 A
Droop rate	0.8 %/ $\mu$ s
Useable rise time	1.5 ns
Maximum I•t typical	0.0005 A s 0.002 A s with bias
Low frequency 3 dB cut-off	400 Hz
High frequency $\pm$ 3 dB	250 MHz
Maximum I <sup>2</sup> t / pulse	5 A <sup>2</sup> s
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	0.68 kg

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Dimensions in inches

