

PEARSON™ CURRENT MONITOR MODEL 8440

Sensitivity	1.0 Volt/Ampere $\pm 1\%$
Output resistance	500 Ohms
Maximum peak current	500 Amperes
Maximum rms current	75 Amperes
Droop rate	3 %/millisecond
Useable rise time	350 nanoseconds
Current time product	0.25 Ampere-second*
Low frequency 3dB cut-off	4 Hz (approximate)
High frequency 3dB cut-off	1 MHz (approximate)
I/f figure	1.5 peak Amperes/Hz
Shielding	Double
Output connector	BNC
Operating temperature	0 to 65 °C
Weight	18.1 pounds

* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 0.06 Ampere-second is typical without bias.

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