

# PEARSON™ CURRENT MONITOR MODEL 8445

Sensitivity	0.1 Volt/Ampere ±1%
Output resistance	50 Ohms
Maximum peak current	5,000 Amperes
Maximum rms current	75 Amperes
Droop rate	4 %/millisecond
Useable rise time	20 nanoseconds
Current time product	0.1 Ampere-second maximum*
Low frequency 3dB cut-off	10 Hz (approximate)
High frequency 3dB cut-off	20 MHz (approximate)
I/f figure	0.6 peak Amperes/Hz
Output connector	BNC (UG-290A/U)
Operating temperature	0 to 65 °C
Weight	19 ounces

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

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