

PEARSON™ CURRENT MONITOR MODEL 1010

Sensitivity	0.1 Volt/Ampere +1/-0%
Output resistance	50 Ohm
Maximum peak current	5,000 Amperes
Maximum rms current	120 Amperes
Drop rate	0.25 %/microsecond
Useable rise time	50 nanoseconds
Current time product	0.7 Ampere-second*
Low frequency 3dB cut-off	400 Hz (approximate)
High frequency 3dB cut-off	7 MHz (approximate)
I/f figure	4.4 peak Amperes/Hz
Output connector	UHF (SO-239)
Shielding	Double
Operating temperature	0 to 65 °C
Weight	12.5 pounds

* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 0.25 Ampere-second is typical without bias.

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