

PEARSON™ CURRENT MONITOR MODEL 5007

Sensitivity	0.01 Volt/Ampere $\pm 1\%$
Output resistance	50 Ohms
Maximum peak current	20,000 Amperes
Maximum rms current	150 Amperes
Drop rate	0.3 %/millisecond
Useable rise time	20 nanoseconds
Current time product	1.0 Ampere-second max*
Low frequency 3dB cut-off	0.5 Hz (approximate)
High frequency 3dB cut-off	20 MHz (approximate)
I/f figure	3.5 peak Amperes/Hz
Output connector	BNC (UG-657A/U)
Operating temperature	0 to 65 °C
Shielding	Double

* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*. 0.4 Ampere-second is typical without bias.

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