

PEARSON™ CURRENT MONITOR MODEL 8181

Sensitivity	1.0 Volt/Ampere ±1%
Output resistance	50 Ohms
Maximum peak current	500 Amperes
Maximum rms current	5 Amperes
Droop rate	0.08 % / microsecond
Useable rise time	15 nanoseconds
Current time product	0.002 Ampere-second max.*
Low frequency 3dB point	125 Hz (typical)
High frequency 3dB point	20 MHz (typical)
I/f figure	0.01 rms Amperes / Hz
Output connector	BNC (UG-290A/U)

* Maximum current-time product can be obtained by using core-reset bias as described in the *Application Notes*.
0.0006 Ampere-second is typical without bias.

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