

# PEARSON<sup>TM</sup> CURRENT MONITOR MODEL 110A

Sensitivity	0.1 Volt/Ampere +1/-0%
Output resistance	50 Ohms
Maximum peak current	10000 Amperes
Maximum rms current	65 Amperes
Droop rate	0.8 %/millisecond
Useable rise time	20 nanoseconds
Current time product	0.5 Ampere-second maximum*
Low frequency 3dB cut-off	1 Hz (approximate)
High frequency 3dB cut-off	20 MHz (approximate)
I/f figure	1.5 peak Amperes/Hz
Output connector	Type N
Operating temperature	0 to 65 °C
Weight	22 ounces

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

© 2000 Pearson Electronics, Inc. 110A.SPX\_000801

