PEARSON™
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.

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