PEARSON™ CURRENT MONITOR MODEL 4418

Sensitivity 0.001 Volt/Ampere ±1%
Output resistance 50 Ohms
Maximum peak current 200,000 Amperes
Maximum rms current 400 Amperes
Droop rate 0.05 %/millisecond
Useable rise time 200 nanoseconds
Current time product 6 Ampere-second maximum*
Low frequency 3dB cut-off 0.7 Hz (approximate)
High frequency 3dB cut-off 2 MHz (approximate)
I/f figure 40 peak Amperes/Hz
Output connector BNC (UG-290A/U)
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. 2 Ampere-second is typical without bias.