

# PEARSON™ CURRENT MONITOR MODEL 3100

Sensitivity	1.0 Volt/Ampere +1/-0%
Output resistance	50 Ohms
Maximum peak current	500 Amperes
Maximum rms current	12 Amperes
Droop rate	0.04 %/microsecond
Useable rise time	50 nanoseconds
Current time product	0.03 Ampere-second*
Low frequency 3dB cut-off	40 Hz (approximate)
High frequency 3dB cut-off	7 MHz (approximate)
l/f figure	0.1 peak Amperes/Hz
Shielding	Double
Output connector	UHF (SO-239)
Operating temperature	0 to 65 °C
Weight	18.1 pounds

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

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