

# PEARSON™ CURRENT MONITOR MODEL 4906

Sensitivity	0.001 Volt/Ampere ±1%
Output resistance	50 Ohm
Maximum peak current	500,000 Amperes
Maximum rms current	2000 Amperes
Drop rate	1.5 %/millisecond
Useable rise time	400 nanoseconds
Current time product	50 Ampere-second*
Low frequency 3dB cut-off	2.5 Hz (approximate)
High frequency 3dB cut-off	1.5 MHz (approximate)
I/f figure	300 peak Amperes/Hz
Output connector	UHF (SO-239)
Shielding	Double
Operating temperature	0 to 65 °C
Weight	12.5 pounds

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

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