

# PEARSON™ CURRENT MONITOR MODEL 4285

Sensitivity	0.1 Volt/Ampere +1/-0%
Output resistance	50 Ohm
Maximum peak current	5,000 Amperes
Maximum rms current	300 Amperes
Drop rate	1.5 %/millisecond
Useable rise time	50 nanoseconds
Current time product	1 Ampere-second*
Low frequency 3dB cut-off	2 Hz (approximate)
High frequency 3dB cut-off	7 MHz (approximate)
I/f figure	4 RMS Amperes/Hz
Output connector	UHF
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*.  
0.3 Ampere-second is typical without bias.

