

# PEARSON™ CURRENT MONITOR MODEL 7305

Sensitivity	1.0 Volt/Ampere $\pm 1\%$
Output resistance	50 Ohms
Maximum peak current	500 Amperes
Maximum rms current	7.5 Amperes
Drop rate	0.08 %/microsecond
Useable rise time	20 nanoseconds
Current time product	0.005 Ampere-second max.*
Low frequency 3dB cut-off	125 Hz (approximate)
High frequency 3dB cut-off	20 MHz (approximate)
I/f figure	0.017 peak Amperes/Hz
Output connector	BNC (UG-657A/U)
Shielding	Double

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

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