

i2500-18 iFlex® Flexible Current Probes

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Unprecedented measurement flexibility

The iFlex flexible current probe (included) expands the measurement range to 2500 A ac while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access.



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Model Name	Description	Price List
i2500-18	i2500-18 iFlex® Flexible Current Probes	On Request

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Specifications

i2500-18 and i2500-10	Range	Resolution	Accuracy
AC Current*	2500 A	0.1 A	3% ± 5 digits**
Frequency*	500 Hz	0.1 Hz	0.5% ± 5 digits
External magnetic field rejection (with cable >10 cm from the coupling)	40 dB		
Inrush*	.		
Safety rating	CAT III 1000 V, CAT IV 600 V		

*When used with compatible Fluke meter. Accuracy stated includes probe and meter accuracy.

** For position accuracy at non-optimum positions, see Position sensitivity specifications table "A".



Position sensitivity specifications

Distance from optimum	i2500-10	i2500-18	Additional iFlex error
A	0.5 in (12.7 mm)	1.4 in (35.6 mm)	± 0.5%
B	0.8 in (20.3 mm)	2.0 in (50.8 mm)	± 1.0%
C	1.4 in (35.6 mm)	2.5 in (63.5 mm)	± 2.0%

Measurement uncertainty assumes centralized primary conductor at optimum position, no external electrical or magnetic field, and within operating temperature.

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