



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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i2500-18 and i2500-10 iFlex™ Flexible Current Probes

Unprecedented measurement flexibility

The new Fluke iFlex™ flexible current probes expand the measurement range of the select Fluke meters to 2500 A ac while providing the ultimate measurement flexibility. The iFlex™ probes connect directly to the meter, displaying current measurements without error prone scaling factors. The 1.8 m (6 ft) cord allows separation between the measurement location and the clamp meter making it easier to view the display. The large loop size and thin cross section allow measurement of awkward sized conductors and improved access in crowded spaces. Available in 25 cm (10 in) and 45 cm (18 in) sizes.



Technical Data

Measurement capability

- 2500 A ac current measurement with select Fluke meters
- Works with frequency, inrush, and min/max functions on select Fluke meters

Features

- Expands the measurement range to 2500 A ac while providing increased display flexibility, ability to measure awkward sized conductors and improved wire access
- CAT IV 600 V, CAT III 1000 V safety rating
- 7.5 mm coil diameter allows measurement in tight spaces
- Ergonomic design allows easy operation with one hand
- 1.8 m (6 ft) cable
- Three-year warranty

Specifications

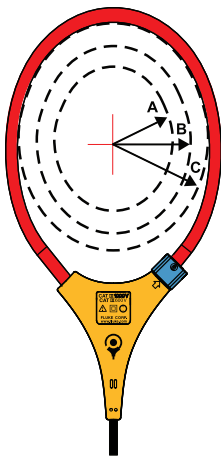
i2500-18 and i2500-10	Range	Resolution	Accuracy
AC current*	2500 A	0.1 A	3 % ± 5 digits**
Frequency*	500 Hz	0.1 Hz	0.5 % ± 5 digits
External magnetic field rejection (with cable >10 cm from the coupling)	40 dB		
Inrush*	•		
Safety rating	CAT III 1000 V, CAT IV 600 V		

*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".

Ordering information

i2500-10 iFlex™ Flexible Current Probe, 10-inch
i2500-18 iFlex™ Flexible Current Probe, 18-inch

For use with any Fluke product that accepts the iFlex™ connector.



Position sensitivity

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 range.



Fluke. Keeping your world up and running.®

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