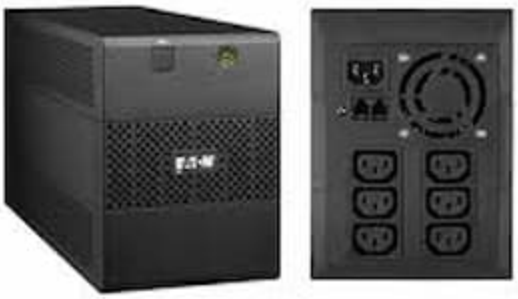


EATON 5E 1100VA USB Line Interactive Tower UPS |Model : 5E1100IUSB

SKU:

Price: ?.?809.00

Stock: instock

Categories: Best Seller, Eaton Product

Product Description

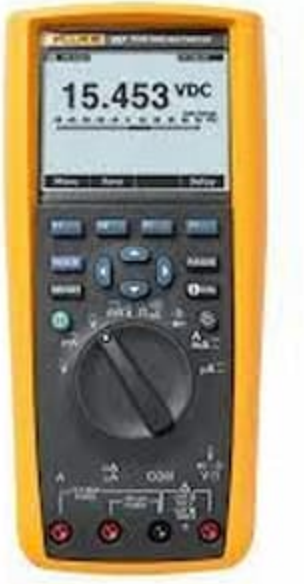
Eaton 5E 1100VA USB 230V

- Brand: Eaton
- Topology : Line Interactive with Automatic Voltage Regulation
- Configuration: Tower
- Part Number: 5E1100iUSB
- Rating (VA/Watts): 1100VA/660W
- Warranty: 2 years

Eaton 5E 1100VA USB 230V 5E1100iUSB Tower UPS

Buy Eaton 5E 1100VA USB 230V 5E1100iUSB Tower UPS Best price in Duabi UAE Brand: Eaton Part Number: 5E1100iUSB Line Interactive with Automatic Voltage Regulation Topology with Tower Type Configurations. 1100VA/660W Rating (VA/Watts) **Essential line interactive UPS** Line interactive technology at an affordable price

- UPS is securing your data and your equipment by protecting you against power outages and bad power quality
- Work through under & overvoltage without wasting battery thanks to Automatic Voltage Regulation (AVR)
- Unmatched price/performance ratio



Fluke 287 True RMS Electronics Logging Multimeter

SKU:

Price:

Stock: instock

Categories: Best Seller, Fluke Product

Product Description

Key features

Equipped with new functionality

- Now compatible with Fluke Connect mobile app and all Fluke FC enabled test tools with optional ir3000 FC infrared connector (sold separately).
- Let your team see what you see in an instant with ShareLive™ video call (requires Fluke Connect mobile app and ir3000 FC wireless connector).
- TrendCapture quickly graphically displays logged data session to quickly determine whether anomalies may have occurred.
- Limited lifetime warranty.

Product overview: Fluke 287 True-RMS Electronics Logging Multimeter

Now compatible with Fluke Connect® Mobile App The Fluke 287 True-rms Electronics Logging Multimeter with TrendCapture quickly documents design performance and graphically displays what happened. Its unique logging and graphing capabilities mean you no longer need to download logged readings to a PC to detect a trend. The Fluke 287 packs more accuracy and convenience into a handheld multimeter than ever before:

- Zoom on trend provides unprecedented ability to view and analyze TrendCapture data; zoom in up to 14 times.
- Selectable AC filter (smoothing mode) helps display a steadier reading when the input signal is changing rapidly or noisy.
- Adjustable recording and auto hold thresholds, specify a percentage change in the readings that begins a new event.

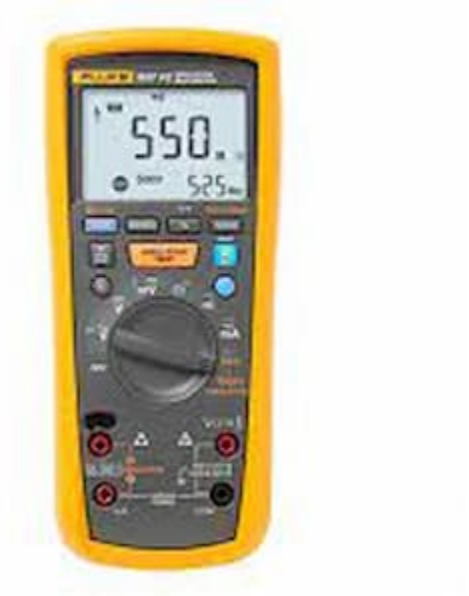
- Large 50,000 count, 1/4 VGA display with white backlight. Multiple sets of measurement information can be simultaneously displayed at the same time.
- Logging function with expanded memory for unattended monitoring of signals over time. Using on-board TrendCapture users can graphically review logged readings without needing a PC. Store up to 15,000 recorded events.
- On board help screens for measurement functions.
- Saved measurements allow you to name and recall measurements made in the field.
- Multi-lingual interface.
- Multiple logging sessions possible without download.
- 0.025% basic DC accuracy.
- 100 kHz AC bandwidth.
- Real time clock for automatic time stamping of saved readings.
- True-RMS AC voltage and current for accurate measurements on complex signals or non-linear loads. AC bandwidth specified to 100 kHz.
- Measure up to 10 A (20 A for 30 seconds).
- 100 mF capacitance range.
- Temperature function.
- Relative mode to remove test lead resistance from low ohms or capacitance measurements. • Peak capture to record transients as fast as 250 ?s.
- Premium test leads and alligator clips included.
- Amp jack plugs included.
- Optional FlukeView forms enable you to document, store and analyze individual readings or a series of measurements, then convert them into professional-looking documents.
- Optional magnetic hanger allows you to hang the meter for easy viewing while freeing your hands to focus on the job.

Specifications: Fluke 287 True-RMS Electronics Logging Multimeter

Specifications		
Function		
DC volts	**Range / resolution**	50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0 V
	Basic accuracy	0.025%
AC volts	**Range / resolution**	50.000 mV, 500.00 mV, 5.0000 V, 50.000 V, 500.00 V, 1000.0 V
	Basic accuracy	0.4% (True-RMS)
DC current	**Range / resolution**	500.00 ?A, 5000.0 ?A, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A
	Basic accuracy	0.05%
AC current	**Range / resolution**	500.00 ?A, 5000.0 ?A, 50.000 mA, 400.00 mA, 5.0000 A, 10.000 A
	Basic accuracy	0.6% (True-RMS)
Temperature (excluding probe)	**Range / resolution**	-200.0°C to 1350.0°C (-328.0°F to 2462.0°F)
	Basic accuracy	1.0%

Resistance	**Range / resolution**	500.00 ?, 5.0000 k?, 50.000 k?, 500.00 k?, 5.0000 M?, 50.00 M?, 500.0 M?
	Basic accuracy	0.05%
Capacitance	**Range / resolution**	1.000 n, 10.00 nF, 100.0 nF, 1.000 ?F, 10.00 ?F, 100.0 ?F, 1000 ?F, 10.00 mF, 100 mF
	Basic accuracy	1.0%
Frequency	**Range / resolution**	99.999 Hz, 999.99 Hz, 9.9999 kHz, 99.999 kHz, 999.99 kHz
	Basic accuracy	0.005%
Connectivity	Optional infrared connector via Fluke ir3000 FC	
General Specifications		
Maximum voltage between any terminal and earth ground	1000 V	
Battery type	6 AA alkaline batteries, IECLR6	
Battery life	100 hours minimum, 200 hours in logging mode	
Temperature	**Operating**	-20°C to 55°C
	Storage	-40°C to 60°C
Relative humidity	0 to 90% (0 t 37°C), 0 to 65% (37°C to 45°C), 0 to 45% (45°C to 55°C)	
Electromagnetic compatibility	EMC EN61326–1	
Vibration	Random vibration per MIL-PRF-28800F Class 2	
Shock	1 meter drop per IEC/EN 61010–1 3rd Edition	
Size (H x W x L)	22.2 x 10.2 x 6 cm (8.75 x 4.03 x 2.38 in)	
Weight	870.9 g (28 oz)	
Multiple on screen displays	Yes	
True-RMS AC bandwidth	100 kHz	
dBV/dBm	Yes	
DC mV resolution	1 ?V	
Megohm range	Up to 500 M?	
Conductance	50.00 nS	
Continuity beeper	Yes	
Battery/fuse access	Yes/Yes	
Elapse time clock	Yes	
Time of day clock	Yes	
Min-max-avg	Yes	
Peak	250 ?s	
Duty cycle	0.01% to 99.99%	
Pulse width	0.025 ms, 0.25 ms, 2.5 ms, 1250.0 ms	
Hold	Yes	
Isolated optical interface	Yes	
Auto/touch hold	Yes	

Reading memory	Yes
Log to PC	Yes
Interval/event logging	Yes
Logging memory	Up to 10,000 readings
Wireless connectivity (optional)	Yes



Fluke - FLUKE-1587 FC FLUKE 1587 FC 2-In-1 Insulation Multimeter

Product overview: Fluke 1587 FC Insulation Multimeter

Keep yourself safe. Find hidden problems faster. Put the paperwork down. Fluke Connect + Fluke's 1587 FC Insulation Multimeter helps you identify tough problems, fix, and wirelessly communicate your work quickly and easily - all at a safe distance.

SKU:

Price:

Stock: instock

Categories: Best Seller, Fluke Product, Top Rated Product

Product Description

Add diagnostics with Fluke Connect The Fluke 1587 FC is Fluke Connect-enabled so you can download the free Fluke Connect® Measurements app to your smartphone and gain additional functions, including:

- Safety first. Keep yourself out of harm’s way by monitoring your test measurements remotely.
- Prove your job is done right by quickly seeing and sharing measurement results wirelessly with your smartphone.
- Quickly find problems by saving and comparing measurements over time on a wireless device.
- PI/DAR timed ratio tests with TrendIt™ graphs to identify moisture and contaminated insulation problems faster
- Memory storage through Fluke Connect that saves measurements to your phone or the cloud and eliminates the need to write down results. Reduces errors and saves data for historical tracking over time
- Temperature compensation to establish accurate baselines and relevant historical comparisons
- Historical tracking and trending of assets to identify insulation degradation over time and allow real-time decisions to be made in the field with Fluke Connect® Assets (sold separately)
- Provides memory storage through Fluke Connect Measurements to eliminate the need to write down results
- Includes live circuit detection to prevent insulation test if voltage >30 V is detected
- Provides automated temperature compensation to establish accurate baselines

- Supports historical tracking and asset trending of assets to identify degradation over time with Fluke Connect® Assets (sold separately)
- Incorporates VFD low-pass filter for accurate variable frequency motor drive measurements
- Includes auto-discharge of capacitive voltage for added user protection
- Measures ac/dc voltage, dc millivolts, ac/dc milliamps, resistance, and continuity
- Includes capacitance, diode test, temperature, min/max, frequency measurements and insulation test smoothing reading
- Automatically powers off to save battery power
- Comes with remote probe, test leads, alligator clips, K-type thermocouple, hard case, and three-year warranty.

Specifications: Fluke 1587 FC Insulation Multimeter

Electrical Specifications

AC voltage measurement

Range

600.0 mV	Resolution	0.1 mV
	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(1% + 3)
	Accuracy 60 Hz to 5000 Hz ±(% of Rdg + Counts)	±(2% + 3)
6.000 V	Resolution	0.001 V
	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(1% + 3)
	Accuracy 60 Hz to 5000 Hz ±(% of Rdg + Counts)	±(2% + 3)
60.00 V	Resolution	0.01 V
	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(1% + 3)
	Accuracy 60 Hz to 5000 Hz ±(% of Rdg + Counts)	±(2% + 3)
600.0 V	Resolution	0.1 V
	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(1% + 3)
	Accuracy 60 Hz to 5000 Hz ±(% of Rdg + Counts)	±(2% + 3)[1]
1000 V	Resolution	1 V
	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(2% + 3)
	Accuracy 60 Hz to 5000 Hz ±(% of Rdg + Counts)	±(2% + 3)[1]

[1] 1 kHz bandwidth

Low-Pass Filter Voltage

Range		
	Resolution	0.1 mV
600.0 mV	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(1% + 3)
	Accuracy 60 Hz to 400 Hz ±(% of Rdg + Counts)	+(2% + 3), -(6% - 3)
	Resolution	0.001 V
6.000 V	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(1% + 3)
	Accuracy 60 Hz to 400 Hz ±(% of Rdg + Counts)	+(2% + 3), -(6% - 3)
	Resolution	0.01 V
60.00 V	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(1% + 3)
	Accuracy 60 Hz to 400 Hz ±(% of Rdg + Counts)	+(2% + 3), -(6% - 3)
	Resolution	0.1 V
600.0 V	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(1% + 3)
	Accuracy 60 Hz to 400 Hz ±(% of Rdg + Counts)	+(2% + 3), -(6% - 3)
	Resolution	1 V
1000 V	Accuracy 50 Hz to 60 Hz ±(% of Rdg + Counts)	±(2% + 3)
	Accuracy 60 Hz to 400 Hz ±(% of Rdg + Counts)	+(2% + 3), -(6% - 3)

DC Voltage Measurement

Range	**Resolution**	**Accuracy ±(% of Rdg + Counts)**
6.000 V dc	0.001 V	±(0.09% + 2)
60.00 V dc	0.01 V	±(0.09% + 2)
600.0 V dc	0.1 V	±(0.09% + 2)
1000 V dc	1 V	±(0.09% + 2)
Input impedance	10 M? (nominal), <100 pF	
Normal mode rejection ratio	>60 dB @ 50 Hz or 60 Hz	
Common mode rejection ratio	>120 dB @ dc, 50 Hz or 60 Hz (1 k unbalance)	

Accuracies apply to ± 100% of range

DC Millivolts Measurement

Range	**Resolution**	**Accuracy ±(% of Rdg + Counts)**
600.0 mVdc	0.1 mV	±(0.1% + 1)

DC and AC Current Measurement

AC 45 Hz to 1000 Hz	
Range	400 mA
Resolution	0.1 mA
Accuracy ±(% of Rdg+Counts)	±(1.5% + 2)[1]
Burden voltage (Typical)	2 mV/mA
Range	60 mA
Resolution	0.01 mA
Accuracy ±(% of Rdg+Counts)	±(1.5% + 2)[1]
Burden voltage (Typical)	2 mV/mA
DC	
Range	400 mA
Resolution	0.1 mA
Accuracy ±(% of Rdg+Counts)	±(0.2% + 2)
Burden voltage (Typical)	2 mV/mA
Range	60 mA
Resolution	0.01 mA
Accuracy ±(% of Rdg+Counts)	±(0.2% + 2)
Burden voltage (Typical)	2 mV/mA
Overload	600 mA for 2 minutes maximum
Fuse protection for mA input	0.44 mA, 1000 V, IR 10 kA
AC conversion	Inputs are ac-coupled and calibrated to the rms value of sine wave input

Conversions are true-rms responding and specified from 5% to 100% of range. Input signal crest factor can be up to 3 up to 300 mA, decreasing linearly to crest factor ?1.5 at 600 mA. For non-sinusoidal waveforms add +(2% reading + 2% FS) typical, for a crest factor up to 3.

[1] 1 kHz bandwidth

Ohms Measurement

Range	**Resolution**	**Accuracy +(% of Rdg+Counts)[1]**
600.0 ?	0.1 ?	±(0.9% + 2)
6.000 k?	0.001 k?	±(0.9% + 2)
60.00 k?	0.01 k?	±(0.9% + 2)
600.0 k?	0.1 K?	±(0.9% + 2)
6.000 M?	0.001 M?	±(0.9% + 2)
50.0 M? [2]	0.01 M?	±(1.5% + 3)
Overload protection	1000 V rms or dc	
Open circuit test voltage	<8.0 V dc	
Short circuit current	<1.1 mA	

[1] Accuracies apply from 0% to 100% of range [2] Up to 80% relative humidity

Diode Test		
Diode test indication	Display voltage drop: 0.6 V at1.0 mA nominal test current:	
Accuracy	±(2% + 3)	
Continuity Test		
Continuity indication	Continuous audible tone for testresistance below 25 ? and off above 100 ?. Maximum Reading; 1000 ?	
Open circuit voltage	<8.0 V	
Short circuit current	1.0 mA typical	
Overload protection	1000 V rms	
Response time	>1 m sec	
Frequency Measurement		
Range	Resolution	Accuracy ±(% of Rdg+Counts)
99.99 Hz	0.01 Hz	±(0.1% + 1)
999.9 Hz	0.1 Hz	±(0.1% + 1)
9.999 kHz	0.001 kHz	±(0.1% + 1)
99.99 kHz	0.01 kHz	±(0.1% + 1)
Frequency Counter Sensitivity		
	V ac Sensitivity (RMS Sine Wave)[1] 5 Hz to 20 kHz	100.0 mV
600.0 mV ac	V ac Sensitivity (RMS Sine Wave)[1] 20 kHz to 100 kHz	150.0 mV
	DC Trigger Levels[1] to 20 kHz[2]	NA
	V ac Sensitivity (RMS Sine Wave)[1] 5 Hz to 20 kHz	1.0 V
6.0 V	V ac Sensitivity (RMS Sine Wave)[1] 20 kHz to 100 kHz	1.5 V
	DC Trigger Levels[1] to 20 kHz[2]	-400.0 mV and 2.5 V
	V ac Sensitivity (RMS Sine Wave)[1] 5 Hz to 20 kHz	10.0 V
60.0 V	V ac Sensitivity (RMS Sine Wave)[1] 20 kHz to 100 kHz	36.0 V
	DC Trigger Levels[1] to 20 kHz[2]	1.2 V and 4.0 V
	V ac Sensitivity (RMS Sine Wave)[1] 5 Hz to 20 kHz	100.0 V
600.0 V	V ac Sensitivity (RMS Sine Wave)[1] 20 kHz to 100 kHz	-
	DC Trigger Levels[1] to 20 kHz[2]	12.0 V and 40.0 V
1000.0 V	V ac Sensitivity (RMS Sine Wave)[1] 5 Hz to 20 kHz	300.0 V
	V ac Sensitivity (RMS Sine Wave)[1] 20 kHz to 100 kHz	-

DC Trigger Levels[1] to 20 kHz[2]	12.0 V and 40.0 V

[1] Maximum input for specified accuracy = 10x range (1000 V max). Noise at low frequencies and amplitudes may affect accuracy [2] Usable to 100 kHz with full scale input

Capacitance

Range	Resolution	Accuracy ±(% of Rdg+Counts)
1000 nF	1 nF	±(1.2% + 2)
10.00 ?F	0.01 ?F	±(1.2% + 2)
100.0 ?F	0.1 ?F	±(1.2% ±90 counts)
9999 ?F	1 ?F	±(1.2% ±90 counts)

Temperature Measurement

Range	Resolution	Accuracy ±(% of Rdg+Counts)[1]
-40 ° C to 537 ° C	0.1 °C	±(1% + 10 counts)
-40 ° F to 998 ° F	0.1 °F	±(1% + 18 counts)

[1] Accuracies apply following 90 minutes settling time after a change in the ambient temperature of the instrument

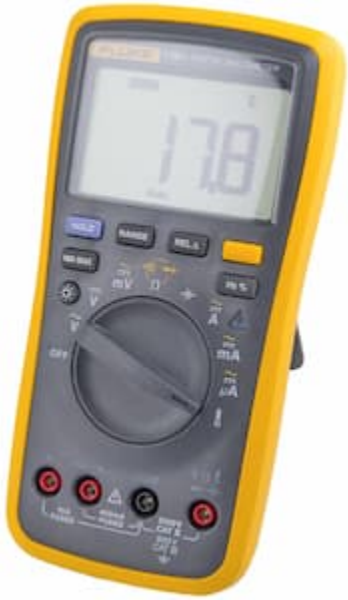
Insulation Specifications

Measurement range	0.01 M? to 2 G?	
Test voltages	50, 100, 250, 500, 1000 V	
Test voltage accuracy	+20%, -0%	
Short-circuit test current	1 mA nominal	
Auto discharge	Discharge time <0.5 second for C = 1 ?F or less	
Live circuit detection	Inhibit test if terminal voltage > 30 V prior to initialization of test	
Maximum capacitive load	Operable with up to 1 ?F load	
Output Voltage		
50 V (0% to +20%)	Display range	0.01 to 6.00 M?
	Resolution	0.01 M?
	Test current	1 mA @ 50 k?
	Resistance accuracy ±(% of Rdg + Counts)	±(3% + 5 counts)
	Display range	6.0 to 50.0 M?
	Resolution	0.1 M?
	Test current	1 mA @ 50 k?
	Resistance accuracy ±(% of Rdg + Counts)	±(3% + 5 counts)
100 V (0% to +20%)	Display range	0.01 to 6.00 M?
	Resolution	0.01 M?
	Test current	1 mA @ 100 k?
	Resistance accuracy ±(% of Rdg + Counts)	±(3% + 5 counts)
	Display range	6.0 to 60.0 M?

Resolution	0.1 M?	
Test current	1 mA @ 100 k?	
Resistance accuracy ±(% of Rdg + Counts)	±(3% + 5 counts)	
Display range	60 to 100 M?	
Resolution	1 M?	
Test current	1 mA @ 100 k?	
Resistance accuracy ±(% of Rdg + Counts)	±(3% + 5 counts)	
250 V (0% to +20%)	Display range	0.1 to 60.0 M?
	Resolution	0.1 M?
	Test current	1 mA @ 250 k?
	Resistance accuracy ±(% of Rdg + Counts)	±(1.5% + 5 counts)
	Display range	60 to 250 M?
	Resolution	1 M?
	Test current	1 mA @ 250 k?
	Resistance accuracy ±(% of Rdg + Counts)	±(1.5% + 5 counts)
500 V (0% to +20%)	Display range	0.1 to 60.0 M?
	Resolution	0.1 M?
	Test current	1 mA @ 500 k?
	Resistance accuracy ±(% of Rdg + Counts)	±(1.5% + 5 counts)
	Display range	60 to 500 M?
	Resolution	1 M?
	Test current	1 mA @ 500 k?
	Resistance accuracy ±(% of Rdg + Counts)	±(1.5% + 5 counts)
1000 V (0% to +20%)	Display range	0.1 to 60.0 M?
	Resolution	0.1 M?
	Test current	1 mA @ 1 M?
	Resistance accuracy ±(% of Rdg + Counts)	±(1.5% + 5 counts)
	Display range	60 to 600 M?
	Resolution	1 M?
	Test current	1 mA @ 1 M?
	Resistance accuracy ±(% of Rdg + Counts)	±(1.5% + 5 counts)
	Display range	0.6 to 2.0 G?
	Resolution	100 M?

Test current	1 mA @ 1 M?
Resistance accuracy ±(% of Rdg + Counts)	±(10% + 3 counts)
General Specifications	
Maximum voltage applied to any terminal and common	1000 V
Storage temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Operating temperature	-20 °C to 55 °C (-4 °F to 131 °F)
Temperature coefficient	0.05 x (specified accuracy) per °C for temperatures <18 °C or >28 °C (<64 °F or >82 °F)
Relative humidity	Noncondensing 0% to 95% @ 10 °C to 30 °C (50 °F to 86 °F) 0% to 75% @ 30 °C to 40 °C (86 °F to 104 °F) 0% to 40% @ 40 °C to 55 °C (104 °F to 131 °F)
Vibration	Random, 2 g, 5-500 Hz per MIL-PRF-28800F, Class 2 instrument
Radio frequency communication	2.4 GHz ISM Band
Radio frequency certification	FCC: T68-FBLE, IC: 6627A-FBLE
Electromagnetic Compatibility	
International	IEC 61326-1:Portable Electromagnetic Environment; IEC 61326-2-2 CISPR 11: Group 1, Class A Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself. Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances. Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object. The equipment may not meet the immunity requirements of this standard when test leads and/or test probes are connected.
Korea (KCC)	Class A Equipment (Industrial Broadcasting & Communication Equipment) Class A: Equipment meets requirements for industrial electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.
USA (FCC)	47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.
Enclosure protection	IEC 60529: IP40 (non-operating)
Safety	

IEC 61010-1	Pollution Degree 2	
IEC 61010-2-033	CAT IV 600 V / CAT III 1000 V	
Batteries	Four AA batteries (IEC LR6)	
Battery life	Meter use 1000 hours; Insulation test use: Meter can perform at least 1000 insulation tests with fresh alkaline batteries at room temperature. These are standard tests of 1000 V into 1 M? with a duty cycle of 5 seconds on and 25 seconds off.	
Size (H x W x L)	5.0 x 10.0 x 20.3 cm (1.97 x 3.94 x 8.00 in)	
Weight	550 g (1.2 lb)	
Altitude	Operating	2000 m
	Storage	12,000 m
Over-range capability	110% of range except for capacitance which is 100%	
Frequency overload protection	<107 V Hz	
Fuse protection for mA input	0.44A, 1000 V, IR 10 kA	



FLUKE Fluke 17B+ Auto Range Digital Probe Multimeter Meter Temperature Frequency New

Fluke quality is always within your reach Your job requires that you have a rugged, reliable and accurate digital multimeter. The Fluke 17B+ digital multimeter does all that and more. Common basic electrical measurements plus temperature, frequency and duty cycle. Easy to use with one hand, even with gloves on, the Fluke 17B+ offers everything you need.

SKU:

Price: ?.?999.00

Stock: instock

Categories: Best Seller, Fluke Product

Product Description

Key features

- 600 V Cat III safety rating
- 50% bigger display with bright white backlight
- Over-voltage indicator
- Frequency and temperature measurement

- Voltage, resistance, continuity, capacitance
- Input terminal for ac and dc current measurements to 10 A current
- Diode test, data hold

Specifications: Fluke 17B+ Digital Multimeter

Accuracy Specifications Accuracy is specified for 1 year after calibration, at operating temperatures of 18 °C to 28 °C, relative humidity at 0% to 75%. Accuracy specifications take the form of: ±(% of Reading + Number of Least Significant Digits).

Function	Range	Resolution	Accuracy
AC volts (40 Hz to 500Hz)[1]	4.000 V 40.00 V 400.0 V 1000 V	0.001 V 0.01 V 0.1 V 1 V	1.0% + 3
DC volts	4.000 V 40.00 V 400.0 V 1000 V	0.001 V 0.01 V 0.1 V 1 V	0.5% + 3
AC millivolts	400.0 mV	0.1 mV	3.0% + 3
DC millivolts	400.0 mV	0.1 mV	1.0% + 10
Diode test[2]	2.000 V	0.001 V	10%
Resistance (Ohms)	400.0 ? 4.000 k? 40.00 k? 400.0 k? 4.000 M? 40.00 M?	0.1 ? 0.001 k? 0.01 k? 0.1 k? 0.001 M? 0.01 M?	0.5% + 3 0.5% + 2 0.5% + 2 0.5% + 2 0.5% + 2 1.5% + 3
Capacitance[3]	40.00 nF 400.0 nF 4.000 ?F 40.00 ?F 400.0 ?F 1000 ?F	0.01 nF 0.1 nF 0.001 ?F 0.01 ?F 0.1 ?F 1 ?F	2% + 5 2% + 5 5% + 5 5% + 5 5% + 5 5% + 5
Frequency[1] Hz (10 Hz – 100 kHz)	50.00 Hz 500.0 Hz 5.000 kHz 50.00 kHz 100.0 kHz	0.01 Hz 0.1 Hz 0.001 kHz 0.01 kHz 0.1 kHz	0.1% + 3
Duty Cycle[1]	1% to 99%	0.1%	1% typical [4]
AC current ?A (40 Hz to 400 Hz)	400.0 ?A 4000 ?A	0.1 ?A 1 ?A	1.5% + 3
AC current mA (40 Hz to 400 Hz)	40.00 mA 400.0 mA	0.01 mA 0.1 mA	1.5% + 3
AC current A (40 Hz to 400 Hz)	4.000 A 10.00 A	0.001 A 0.01 A	1.5% + 3
DC current ?A	400.0 ?A 4000 ?A	0.1 ?A 1 ?A	1.5% + 3
DC current mA	40.00 mA 400.0 mA	0.01 mA 0.1 mA	1.5% + 3
DC current A	4.000 A 10.00 A	0.001 A 0.01 A	1.5% + 3
Temperature	50 °C- 400 °C 0 °C- 50 °C -55 °C- 0 °C	0.1C	2% ±1 °C ±2 °C 9% ±2 °C
Backlight	-	-	Yes

[1]All ac, Hz, and duty cycle are specified from 1% to 100% of range. Inputs below 1% of range are not specified. [2]Typically, open circuit test voltage is 2.0 V and short circuit current is <0.6 mA. [3]Specifications do not include errors due to test lead capacitance and capacitance floor (may be up to 1.5 nF in the 40 nF range). [4]Typical means when the frequency is at 50 Hz or 60 Hz and the duty cycle is between 10% and 90%.

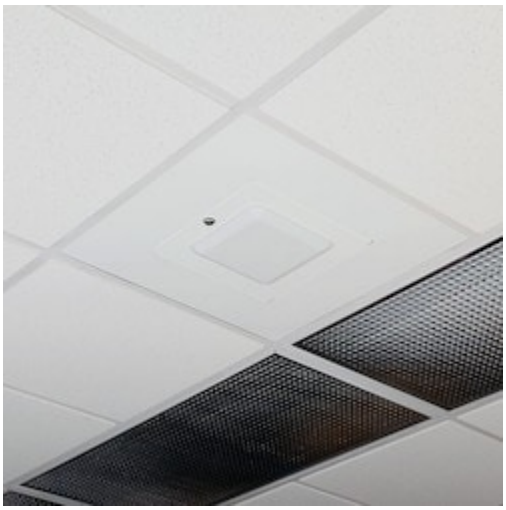
Function	Overload protection	Input impedance (Nominal)	Common mode rejection ratio	Normal mode rejection ratio
AC volts	1000 V [1]	>10 M? <100 pF	>60 dB at dc, 50 Hz or 60 Hz	-
AC millivolts	400 mV	>1M?, <100 pF	>80 dB at 50 Hz or 60 Hz	-
DC volts	1000 V [1]	>10 M? <100 pF	>100 dB at dc, 50 Hz or 60 Hz	>60 dB at 50 Hz or 60 Hz
DC millivolts	400 mV	>1M?, <100 pF	>80 dB at 50 Hz or 60 Hz	-

[1] 10^6 V Hz Max

General specifications

Maximum voltage between any terminal and earth ground	1000 V
Display (LCD)	4000 counts, updates 3/sec
Battery type	2 AA, NEDA 15A, IEC LR6
Battery life	500 hours minimum (50 hours in LED Test mode without load. The hours with load depends on the type of LED under test.)
Temperature	
Operating	0 °C to 40 °C
Storage	-30 °C to 60 °C
Relative humidity	
Operating humidity	Non-condensing (<10°C) ?90% RH at 10 °C to 30 °C ?75% RH at 30 °C to 40 °C 40 M? range ?80% RH at 10 °C to 30 °C ?70% RH at 30 °C to 40 °C
Altitude	
Operating	2000 m
Storage	12,000 m
Temperature coefficient	0.1 X (specified accuracy) /°C (<18 °C or >28 °C)
Fuse protection for current inputs	440 mA, 1000 V Fast Fuse, Fluke specified part only. 11A, 1000V Fast Fuse, Fluke specified part only.
Size (H x W x L)	183 x 91 x 49.5 mm
Weight	455 g
IP rating	IP 40
Safety	IEC 61010-1, IEC61010-2-030 CAT III 600 V, CAT II 1000 V, Pollution Degree 2
Electromagnetic environment	IEC 61326-1: Portable
Electromagnetic compatibility	Applies to use in Korea only

Class A equipment (industrial broadcasting and communication equipment)[1] [1] This product meets requirements for industrial (Class A) electromagnetic wave equipment and seller or user should take notice of it. This equipment is intended for use in business environments and is not to be used in homes.



Locking Suspended Ceiling Tile Access Point Enclosure, 12.75 X 12.75 X 3 In. Back Box, Cisco 2600/2700/3500/3600/3700 Series Door

Locking, 2 x 2 ft. suspended ceiling Wi-Tile enclosure mounts and secures Wi-Fi and Small Cell APs flush to the ceiling

SKU:

Price: ?.?320.00

Stock: instock

Categories: Best Seller, Cabinets, Cabinets Enclosures Racks, Frames, Furniture, Newest, Racks, Racks & Cabinets Accessories, Sale, Zone Cabling and Wireless Enclosure

Product Description

Description

Locking, 2 x 2 ft. suspended ceiling Wi-Tile enclosure mounts and secures Wi-Fi and Small Cell APs flush to the ceiling. This lightweight aluminum enclosure replaces a standard ceiling tile, and has a durable white textured powder coat to aesthetically match most ceiling tiles. The interchangeable door simplifies AP and antenna moves, adds, and changes without lifting ceiling tiles. APs from all leading vendors can be mounted in the door or inside the enclosure with the configurations with the Polyc arbonate or ABS dome. UL listed for both a.c. line voltage and low voltage (PoE) powered equipment. Styles available for both standard flush grid and recessed grid ceilings (-T). Specify -T version for professional, aesthetic installation in recessed g rid ceilings.

Features

- FEATURES:
- 2 x 2 ft. locking ceiling tile enclosure secures APs from most vendors
- Attractive, textured, powder-coat finish matches many suspended ceiling tiles
- Interchangeable doors permit simple migration to new APs and antennas
- Shallow (3 in.), ghtweight, aluminum back-box simplifies installation in ceilings with little space above ceiling tiles
- Enclosure back-box is effective dust barrier to simplify ICRA procedure compliance
- SPECIFICATIONS:
- Design: Ceiling tile enclosure designed for A with integrated antennas. Fits into standard 2 x 2 ft. (U.S.) ceiling grid. Doors available for all leading AP vendor’s models (see Oberon’s Model 1077 configuration guide)

- Performance: UL listed for low voltage and line voltage applications, and des igned to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved, OPM-0110-13
- Interchangeable locking door, keyed alike.
- Includes firestop foam kit for cable egress. Large enough for two Cat 6A cables
- Knockouts for single gang J-box, (2)keystone jacks, (2) 1 in. trade conduit connector
- Construction: 16 ga. aluminum back box; door and flange are 18 ga. textured, white powder-coated steel. RoHS compliant. Solid back-box fills opening behind AP, creating an effective fire, smoke and dus t barrier to simplify ICRA compliance
- Model 1077-WA only: UL 94-5VA white ABS plastic dome. Dome is virtually transparent to wireless signals
- Model 1077-CP only: UL 94-5VA clear polycarbonate dome. Dome is virtually transparent to wireless signals
- aximum weight to be installed inside the unit is 25 lbs.
- De-rate upper operating temperature limit of AP by 10C when AP in the enclosure
- For recessed grid ceilings, specify "-T" for tegular flange units
- Enclosure must be supported by the building tructure independent of the suspended ceiling, per NEC paragraph 300.11
- SIZES:
- Flange is 23.75 x 23.75 in. (603 x 603 x 76 mm). Back-box is 12.75 x 12.75 x 3 in.
- SAFETY:
- UL 50 listed, TYPE 1, for indoor use only
- USL - Investigated using requirs contained in Standard UL 50 - Twelfth Edition, and UL 50E - First Edition
- CNL - Investigated using requirements contained in Canadian Standard CSA/C22.2 No. 94.1 and 94.2
- UL 2416, Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure & Rack Systems
- CSA C22.2 NO. 60950-1-07 + Amd. 1 Amd. 2 Information Technology Equipment -- Safety. Part 1, General Requirements
- OSHPD Approval OPM-110-13
- INCLUDES:
- (1) 2 x 2 ft. ceiling enclosure
- (1) T-bar bracket (Model 1077-W

Specification Description

Design: Lightweight ceiling tile enclosure designed for wireless access points with integrated antennas. Interchangeable door. Fits into standard 2’ x 2’ (U.S.) ceiling grid. Designed for Cisco APs Performance: UL Listed and designed to meet NEC300-22 and 300-23 for plenum installations. OSHPD approved OPM-0110-13 Locking, fully-hinged interchangeable doors for different access points Include firestop foam kit for cable egress .75" trade size knockout on two walls. Junction box knockout in back-boxBack-box: Effective as a dust barrier for ICRA procedure compliance Construction: 16 ga. aluminum clear coat back-box; 14 ga. door; textured, white, powder-coated steel door and flange; back-box is effective as a dust barrier for ICRA procedure complia nce Enclosure must be supported by the building structure, independent of the suspended ceiling, per NEC paragraph 300.11; includes hanger wire Maximum weight inside enclosure is 25 lbs. For recessed grid ceilings, designate "-T" for tegular flange unts AP max. operating temperature should be de-rated by 10 C inside the enclosure Size: Flange is 23.75 inches by 23.75 inches (603 mm by 603 mm), enclosure back-box is 12.75 inches by 12.75 inches by 3.0 inches deep (324 mm by 324 mm by 77 mm deep)

Specifications:

Color	WHITE
Door Style	SOLID
Fits Tile Size	2’ X 2’
Location	CEILING-MOUNT
Nema Rating	NO NEMA RATING
Type	WIRELESS
UNSPSC Code	43223100