

Model 1205C Product Specifications

Physical Dimensions:

Height: 10.5 inches

Width: 9.75 inches

Depth: 5 inches

Weight: 8 pounds

Power: Lead Acid or NiCad battery pack
12VAC, 1A (minimum) charger.

Charger: 110V

Environment:

Operating temperature:

+32 deg F (0 C) to +122 deg F (+50 C)

Typical temperature:

5 deg F (-20 C) to +140 deg F (+60 C)

Storage temperature:

-4 deg F (-20 C) to +140 deg F (+60 C)

Humidity: 95% maximum relative humidity,
non-condensing.

Display:

128 x 256 dot matrix liquid crystal display
(LCD) with electroluminescent

Distance Accuracy: +/- 0.5 ft plus +/- .01% of reading.

Accuracy will vary with VOP and cable type.

Input Protection:

400 volts (AC + DC) from DC to 400 Hz and
decreases to 10 volts at 1 MHz

Output Impedance:

Front panel selection of 125, 93, 75 and 50 ohm,
+/- 5%.

Auto dBRL: 2 digit auto dBRL calculation at cursor set.

Velocity of Propagation:

Keypad selection from .300 to .999 in .001
or .01 increments.

Waveform Storage:

Standard: 4 at 12,000 samples/waveform

8 at 6,000

samples/waveform

16 at 3,000

samples/waveform

Optional: 16 at 12,000

backlighting.

Horizontal Resolution:

<2000 ft: < .25 ft at .99 VOP, <.07 ft
at .30 VOP

>2000 ft: 1 ft at any VOP

Vertical Resolution:

14 bits with 93 dots displayed.

Output Pulse:

Adjustable pulse widths of 2, 10, 100,
1000, 2000,
and 4000 nsec.

Maximum Range:

63,700 ft at .99 VOP, 38,600 ft at .60
VOP

Maximum testable cable length will
vary with
pulse width and cable type.

Vertical Sensitivity: Greater than 65
dB.

samples/waveform

32 at 6,000

samples/waveform

64 at 3,000

samples/waveform

Automatic/Manual Noise Filter:

Standard: Two averaging filters.

Optional: Multi-function/level filter
routines.

Output Connector: Front panel female
BNC.

Serial I/O Port: RS-232.

Accessories:

Standard: Battery pack and charger,
Operator's
manual, Shoulder strap, Connectors,
WAVE-
VIEW software disks, Clip-on accessory
bag.

Optional: Additional waveform storage
package,

Additional noise filtering package,
Custom
softside carrying case, Strand hooks
kit,

Extended warranty.

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