

# OMB-SER-488 Series RS-232/422 to IEEE-488 Converter



The OMB-SER-488A is no longer available. Please consult our data acquisition department for a possible substitute.



IEEE-488



SERIAL I/O



**\$595**

Basic Unit



OMB-SER-488 Series Serial to IEEE-488 Converter

- ✓ **Transparent Link Between RS-232/422 and IEEE-488**
- ✓ **32,000 Character Data Buffer Built-In (512K Optional)**
- ✓ **Front Panel Indicators for Talk, Listen, Send, Receive**
- ✓ **Switch Selectable Communication Parameters**

The OMB-SER-488A transparent interface enables a device with either RS-232/422 or IEEE-488 to communicate with another device having the alternate interface. For example, an IEEE controller can communicate with an RS-232 printer or plotter via the OMB-SER-488A. Conversely, the OMB-SER-488A will enable a computer's RS-232 port to communicate with an IEEE printer or plotter. Built into the OMB-SER-488A is a 32,000 character data buffer which eliminates the need for the host computer to wait for slow devices to accept the data. Also available is a converter with a 512K data buffer.

## Specifications

### GENERAL

**Power:** 105 to 125 V or 215 to 250 V, 50, 60 Hz; 10 VA maximum

**Controls:** power switch (rear panel). internal DIP switches for serial and IEEE parameters

**Environmental:** 0 to 350°C, 0 to 70% RH

**Dimensions:** 68 x 138 x 190 mm (2.7 x 5.41 x 7.5")

**Weight:** 2.5 lb (1.1 kg)

### SERIAL INTERFACE

**Duplex:** full with echo/no echo

**Data Bits:** 7 or 8; 1 or 2 stop bits

**Parity:** on transmit; odd, even, mark, space, or disabled

**Baud Rates:** 110, 300,600,1200, 1800,2400,3600,4800,7200,9600, 19,200 and 57,600

**Terminator:** CR, LF, CR-LF or LF-CR

**Control:** supports Clear to Send (CTS), Request to Send (RTS), or XON/XOFT

**Connector:** accepts 25-pin sub-D male; DCE configured

### IEEE INTERFACE

**Terminator:** software selectable CR, LF, CR-LF, LF-CR, and/or EOI

**Connector:** standard IEEE-488 connector with metric studs

To Order (Specify Model Number)		
Model No.	Price	Description
OMB-SER-488A	\$595	Serial to IEEE-488 converter
OMB-SER-488-512	995	Serial to IEEE-488 converter with 512K buffer
OMBX-CA-11	45	12' RS-232 cable (for IBM PC)
OMBX-CA-23	45	12' RS-232 cable (for IBM AT)
OMBX-CA-7-3	100	6' IEEE-488 cable

The OMB-SER-488 includes a complete operator's manual.

**Ordering Example:** OMB-SER-488A serial to IEEE-488 converter and OMEGACARE<sup>SM</sup> 1-year extended warranty (adds 1 year to standard 1-year warranty), \$595 + 60 = \$655



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