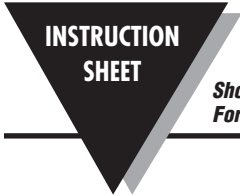




DP6-485-CABLE

485 Programming Cable



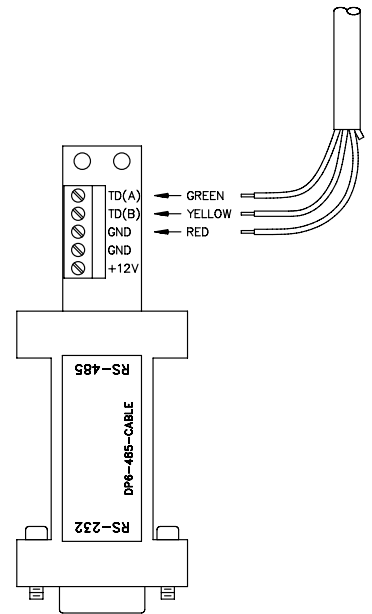
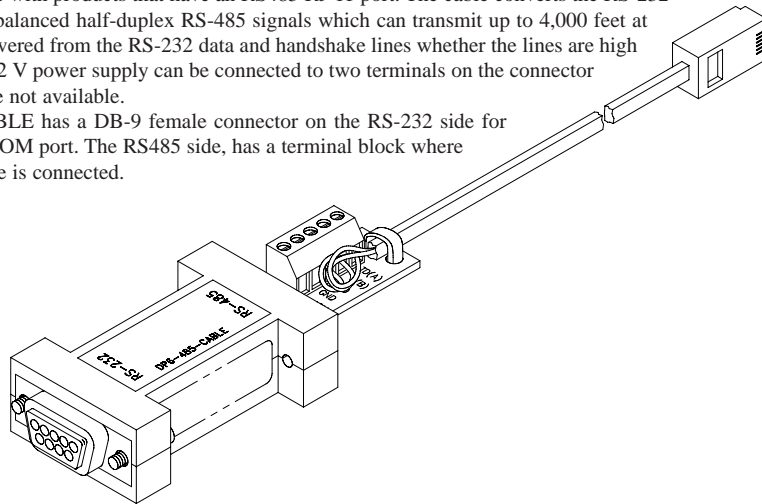
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DESCRIPTION

The DP6-485-CABLE Programming Interface Cable is a port-powered device that can be used to download or interface with products that have an RS485 RJ-11 port. The cable converts the RS-232 TD and RD lines to balanced half-duplex RS-485 signals which can transmit up to 4,000 feet at 19,200 baud. It is powered from the RS-232 data and handshake lines whether the lines are high or low. An external 12 V power supply can be connected to two terminals on the connector if handshake lines are not available.

The DP6-485-CABLE has a DB-9 female connector on the RS-232 side for connection to a PC COM port. The RS485 side, has a terminal block where the 7' long RJ11 cable is connected.



SPECIFICATIONS

- POWER REQUIREMENTS:** Port powered *
 * An external 12 VDC (unit draw @ 35 mA max.) can be applied if RS-232 output handshake lines are not available.
Note: When using an external supply, the supply should be connected only to specifically labeled terminal block power inputs. Connecting an external supply to the handshake lines may damage the unit.
- BAUD RATE:** 19200 Baud max.
- RS-232 SIDE:**

Connector: DB-9 female

| SIGNAL | PIN | JUMPERED |
|--------|-----|-------------|
| TD | 2 | |
| RD | 3 | |
| GND | 5 | |
| RTS | 7 | to pin 8 |
| CTS | 8 | to pin 7 |
| DTR | 4 | to pin 6, 1 |
| DSR | 6 | to pin 4, 1 |
| CD | 1 | to pin 4, 6 |

- RS485 SIDE:**
 Connector: terminal block

| TERMINAL | RJ11 CABLE |
|----------|------------|
| TD(A) | Green |
| TD(B) | Yellow |
| GND | Red |
| GND | * |
| +12V | * |

* External 12 VDC supply optional.

- CERTIFICATIONS AND COMPLIANCE:**
 Immunity to EN 500082-1 Residential, Commercial and Light Industry (IEC 801-2, IEC 801-3, IEC 801-4)
 Emissions to EN 500081-1 Residential, Commercial and Light Industry (EN 55022)
- CONVERTER DIMENSIONS:** L = 3.50" (88.9 mm) x W = 1.34" (34 mm) x H = 0.67" (17 mm)
- CABLE LENGTH:** 7 feet (2.13 meters)



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2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:

1. Purchase Order number to cover the COST of the repair,
2. Model and serial number of the product, and
3. Repair instructions and/or specific problems relative to the product.

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