



# Null Modem

## Stock No. 202-515

The 25-pin D-type modem adaptor provides a quick solution in cases where a cable or modem installation requires a transmit data/receive data cross-over connection. Within the unit pins 2 and 3 are crossed over (2-3, 3-2) and all other 23 lines are wired pin to pin. Each unit is fully moulded in construction and screened against RFI/EMI interference. Locking hardware is included. Due to the 25 male/female configuration no gender change is effected when the unit is inserted in-line.

Colour: Black.

### Technical Specification

#### A. Connectors:

1. D-sub 25-pins male and female.
2. Insulator: PBT plus 30 % glass reinforced. UL94V-0 rating.
3. Shell: Steel, tin plate over copper.
4. Contacts: Male - bronze, gold-plated 3 micro-inch over nickel.  
Female - phosphor bronze gold-plated 3 micro-inch over nickel.

#### B. Moulding:

1. Inner material PE (polyethylene).
2. Body material: PVC (polyvinyl-chloride component).
3. Shielding: Full aluminium foil shielded.

#### C. Electronic characteristic:

1. Current rating: 1A max.
2. Operating voltage: 300V.
3. Insulation resistance: 100MΩ min. at 500V d.c.
4. Temperature rating: 60°C.
5. Dielectric strength 1.25kV a.c. for one minute.
6. Contact resistance: 15mΩ max.
7. Mating cycles: 500 cycles max.

#### D. Wiring Specification:

##### 25 D MALE

##### 25 D FEMALE

- |        |   |
|--------|---|
| 1----- | 1 |
| 2----- | 3 |
| 3----- | 2 |
| 4----- | 4 |

Pins 5-24 inclusive, wired pin to pin

- |         |    |
|---------|----|
| 25----- | 25 |
|---------|----|