



# **Black Box Products**

# Datacom > Converters



# Async RS-232 to RS-485 Interface Bidirectional Converter with Opto-Isolation, DB25 Female to RJ-45



Fast, secure, and ready for 2- or 4-wire transmissions.

IC526A-F

Extended Double Diamond™ Warranty Available (3 Additional Year)

# **Product Highlights**

- Transmits full- or half-duplex over 4 wires or half-duplex over 2 wires.
- Supports a maximum distance of 4000 feet (1219.2 m).

# **Details**

### **Description**

Async RS-232 to RS-485 Interface Bidirectional Converter with Opto-Isolation, DB25 Female to RJ-45

#### **Quick Facts**

- Transmits full- or half-duplex over 4 wires or half-duplex over 2 wires.
- Supports a maximum distance of 4000 feet (1219.2 m).

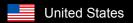
### **Further Details**

- · RTS or DTR transmitter control.
- · Includes an AC adapter.

Our Async RS-232 to RS-485 Interface Bidirectional Converter with Opto-Isolation, DB25 Female to RJ-45 has the versatility you need and includes built-in 2500-Vrms optical isolators that provide isolation between the RS-232 and RS-485 interfaces.

And if equipment protection isn't enough, this converter works with both 4-wire and 2-wire installations! Use it to transmit full- or half-duplex over 4 wires or half-duplex over 2 wires.

The RS-232 interface features or female DB25 connector. A model with a male DB25 connector is also available (IC526A-M). The RS-485 side has an RJ-45 connector.





# **Tech Spec**

Technical Specifications for Async RS-232 to RS-485 Interface Bidirectional Converter with Opto-Isolation, DB25 Female to RJ-45:

**Distance (Maximum)** — 4000 ft. (1219.2 m)

Operation — 4-wire full- or half-duplex, 2-wire half-duplex, point-to-point or multipoint

**Speed (Maximum)** — 115.2 kbps **Transmission Format** — Async

**Connectors** — (1) DB25 F, (1) RJ-45

 Power
 — External power adapter, 5 VDC, 300 mA

 Size
 — 0.8"H x 2.1"W x 3.8"D (2 x 5.3 x 9.7 cm)

This product works with:

Category 3 Solid Bulk Cable (EYN712A)