

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 a 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)