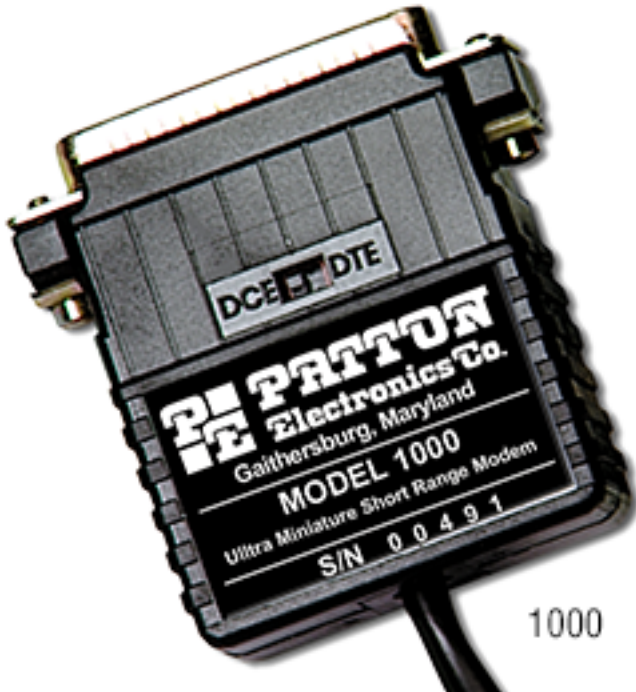# Overview

The Patton Model 1009 and 1000 supports asynchronous, point-to-point, RS-232, communication over two twisted pairs. The Model 1009 will plug into DB-9 and the Model 1000 plugs directly into a DB-25 interfaces. Both modems are backwards compatible with each other. This short haul is compatible with the Patton Model 1010.

Features

- Support async, point-to-point, RS-232, communication over two twisted pairs
- Designed to plug into DB-9 and DB-25 interfaces (respectfully)
- Both Patton Model 1000 and 1009 are compatible with each other
- **Made in the USA** — This Patton equipment is designed by Patton engineers and built in our Gaithersburg, Maryland facility. Patton's American-made manufacturing process delivers high-quality networking solutions with reliability you can trust.

Specifications

Transmission Format: Asynchronous

Data Rate: 0 to 19,200 bps (no strapping)

Range: 17 Miles (27.4 Km) on 19 AWG @ 1200 bps

Control Signal (Model 1009):CTS (Pin 8) turns ON immediately after the terminal rais raises DTR (Pin 4)

Control Signal (Model 1000): CTS (Pin 5) turns ON immediately after the terminal rai raises DTR (Pin 20)

Transmit Line: 4 wire, unconditioned line (2 twisted pair)

Transmit Mode: Full duplex, 4-wireTransmit Level: 0 dBm

Device Connection: (Model 1009) DB-9 ; **(Model 1000)** DB-25

Line Connection: RJ-11 or RJ-45 jack or 5 screw terminal posts (4 wires and 1 groun

Power: None required, uses ultra low power from EIA data and control signals

Dimensions: (Model 1009) 2.50" x 1.2" x 0.75" ; **(Model 1000)** 2.20" x 1.75" x 0.75"