

ADAM-4522

ADAM-4541

ADAM-4542+

RS-232 to RS-422/485 Converter

Fiber Optics to RS-232/422/485 Converter

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ADAM-4522



Specifications

- **Input** RS-232 (4-wire)
- **RS-232 Interface Connector** Female DB-9
- **Output** RS-485 (2-wire) or RS-422 (4-wire).
Speed (bps): 1200, 2400, 4800, 9600, 19.2 K, 38.4 K, 57.6 K, 115.2 K, RTS control and RS-422 mode (switchable)
- **RS-422/485 Interface Connector** Plug-in screw terminal
- **Power Consumption** 1.2 W



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Specifications

Communication

- **Fiber Optic Input or Output**
- **RS-232/422/485 Output** 1200, 2400, 4800, 9600, 19.2 K, 38.4 K, 57.6 K, 115.2 K and RS-232/422 mode (switchable)
- **Transmission Speed (bps)**
- **Communication Mode** Asynchronous
- **Transmission Mode** Full/half duplex, bidirectional
- **RS-232/422/485 Interface Connector** Plug-in screw terminal
- **Fiber Connector** ST

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- **Transmission Distance** 2.5 km
- **Optical Power Budget (attenuation)** 12.5 db (measured with 62.5/125 mm)
- **Fiber Optical Type** Multimode
- **Wavelength** 820 nm

Power

- **Power Requirement** Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** 1 W (typical)
1.5 W (max)



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Specifications

Communication

- **Fiber Optic Input or Output**
- **RS-232/422/485 Output** 1200, 2400, 4800, 9600, 19.2 K, 38.4 K, 57.6 K, 115.2 K (bps)
- **Transmission Speed (bps)**
- **Communication Mode** Asynchronous
- **Transmission Mode** Full/half duplex, bidirectional
- **RS-232/422/485 Interface Connector** Plug-in screw terminal
- **Fiber Connector** SC

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- **Transmission Distance** 15 km
- **Optical Power Budget (attenuation)** 9 dB
- **Fiber Optical Type** Singlemode
- **Wavelength** 1310 nm

Power

- **Power Requirement** Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** 1 W (typical)
1.5 W (max)

Ordering Information

- **ADAM-4522** RS-232 to RS-422/485 Converter

Ordering Information

- **ADAM-4541** Fiber Optics to RS-232/422 Converter

Ordering Information

- **ADAM-4542+** Single-mode Fiber Optics to Serial Converter