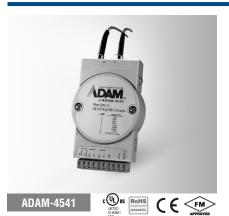
ADAM-4541 ADAM-4542+ ADAM-4561/4562

Multi-mode Fiber Optic to RS-232/422/485

Single-mode Fiber Optic to RS-232/422/485

1-port Isolated USB to RS-232/422/485 Converter







Specifications

General

 Power Input Unregulated 10 ~ 30 V_{DC} 1 x plug-in terminal block Connectors

(#14 ~ 22 AWG) (RS-232/422/485) 2 x ST fiber connector

■ Power Consumption 1.5 W @ 24 V_{DC}

Serial Communications

 Communication Mode

Asynchronous

- Speed Modes (bps) 1,200, 2,400, 4,800,

> 9,600, 19.2 k, 38.4 k, 57.6 k, 115.2 k and RS-232/422 mode (switchable)

Transmission Mode Full/half duplex, bidirectional

Fiber Optic Communications

Optical Power Budget 12.5 dB (measured with (attenuation) 62.5/125 µm)

Transmission 2.5 km Distance

Transmission Mode Multi mode

(Send and Receive)

Wavelength 820 nm

Specifications

General

 Power Input Unregulated 10 ~ 30 V_{DC} Connectors 1 x plug-in terminal block

> (#14 ~ 22 AWG) (RS-232/422/485) 1 x SC fiber connector

■ Power Consumption 1.5 W @ 24 V_{DC}

Serial Communications

 Communication Asynchronous Mode

 Speed Modes (bps) 1,200, 2,400, 4,800, 9,600, 19.2 k, 38.4 k 57.6 k, 115.2 k and RS-

232/422 mode (switchable) • Transmission Modes Full/half duplex, bidirectional

Fiber Optic Communications

Optical Power Budget 15 dB (attenuation)

Transmission Distance 15 km **Transmission Mode** Single mode

(Send and Receive)

Wavelength 1310 nm

Specifications

General

Connectors

Network: USB-type A connector (type A to type B cable provided)

Serial:

ADAM-4562

ADAM-4561 1 x plug-in terminal

(#14 ~ 22 AWG) (3-wire RS-232/422/485) 1 x DB-9 serial connectors (9-wire RS-232)

Isolation Voltage

ADAM-4561: $3,000 V_{DC}$ $2,\!500\;V_{DC}$ ADAM-4562:

Power Consumption

ADAM-4561: 1.5 W @ 5 V ADAM-4562: 1.1 W @ 5 V Driver Support Windows 98/2000/XP

• Full Compliance with USB v1.1 specifications

Serial Communications

• Speed Modes (bps) 75 bps to 115.2 kbps • Transmission Modes Full/half duplex, bidirectional

Common Specifications

Environment

Humidity 5~95% RH

Operating -10 ~ 70° C (14 ~ 158° F)

Temperature

■ Storage Temperature -25 ~ 85°C (-13 ~ 185°F)

Ordering Information

ADAM-4541

Multi-mode Fiber to RS-232/422/485

Converter

ADAM-4542+

Single-mode Fiber to RS-232/422/485 Converter

ADAM-4561

1-port Isolated USB to RS-232/422/485

Converter

ADAM-4562

1-port Isolated USB to RS-232 Converter