### Specifications

**General**
- **Power Input**: Unregulated 10 – 30 Vdc
- **Connectors**: 1 x plug-in terminal block (#14 – 22 AWG) (RS-232/422/485)
- **Power Consumption**: 1.5 W @ 24 Vdc
- **Operation Modes**: Support Point-to-Point, and Ring (half-duplex)

**Fiber Optic Communications**
- **Optical Power Budget**: 15 dB (measured with (Attenuation) 62.5/125 μm)
- **Transmission Distance**: 2.5 km
- **Transmission Mode**: Multi mode (Send and Receive)
- **Wavelength**: 820 nm

**Serial Communications**
- **Communication Mode**: Asynchronous
- **Speed Modes (bps)**: 1200, 2400, 4800, 9600, 19.2 k, 38.4 k, 57.6 k, 115.2 k and RS-232/422/485 mode (switchable)
- **Transmission Mode**: Full/half duplex, bidirectional

### 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

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### Common Specifications

**Environment**
- **Operating Humidity**: 5 – 95% RH
- **Operating Temperature**: ADAM-4541/4542+: -10 – 70°C (14 – 158°F)
- **Storage Temperature**: -25 – 85°C (-13 – 185°F)