

The FIB-422 is a compact, self-contained fiber interface converter that provides a transparent fiber media for extension of the RS-422/RS-458 communication standard. The FIB-422 consumes power from an external 9VDC, 300mA, AC power adapter. Depending on the model, the FIB-422 provides extension over multi-mode fiber cable up to 2Km or up to 14Km with a single-mode cable. The FIB-422 is available with two of the industry's leading standard fiber connectors, either ST or SC type.

The FIB-422 requires absolutely no configuration what so ever. Just connect the interfaces, attach the optical cables and apply external power.

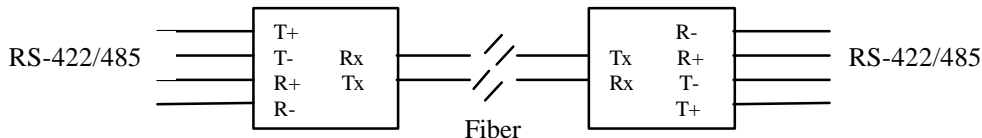
MODEL SUMMARY

FIB-422/ST	converter with multi-mode ST connectors
FIB-422/SC	converter with multi-mode SC connectors
FIB-S422/ST	converter with single-mode ST connectors
FIB-S422/SC	converter with single-mode SC connectors

RS-485 pin configuration

Pin No.	Function
1	T+
2	T-
3	R+
4	R-

APPLICATION EXAMPLE



FIB-422

FIBER INTERFACE CONVERTER



- ST or SC type connectors.
- Multi-mode 62.5/125 μ m fiber cable.
- Single-mode 9/125 μ m fiber cable.
- FULL duplex mode.
- VCSEL laser, 850nm.
- Power budget: 10dB.
- Connectivity up to 2Km.
- RS-422/458: 4-screw terminal block.
- Speed: DC ~ 115,200bps.
- BER: $<10^{-9}$.
- Power LED indication