

Lightem LFM232 Series RS-485 / RS-422 / RS-232 Fiber Optic Modem

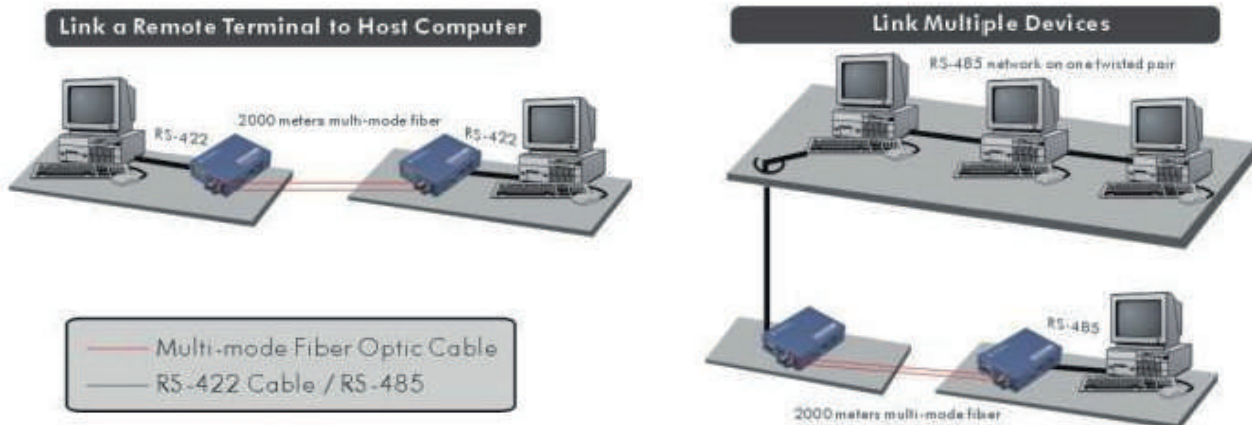
Lightem LFM232 series is of multi-performance sustaining such telecom interface as RS-232, RS-422, RS-485, the distance can reach to 4KM while is 40KM for single-mode and the speed of single-mode can reach to 460KBPS. It can avoid thunder, interfere in scurries environment.



FEATURES

- The transmit distance of multi-mode optical fiber can to 2KM while 40KM of the single mode.
- The transform between serial communication interface RS-232/RS485/RS-422 and optical fiber interface is available.
- The point-to-point loop connection is available.
- Separate working of serial communication RS232/RS422/RS485 is available.
- The communication speed of RS232 interface 300-115200bps, it is 1 mbps of RS422 and RS485.
- Duplex and semi-duplex RS-485 working way is available.
- The principal and subordinate working way is available. Subordinate way can be used as a repeater.
- Stable data transmit and long lifespan.
- Power: $\leq 5W$, Power supply outside: DC5V/1A.
- Good after-sales service, quality guarantee for three years and eternal service.

APPLICATION



SPECIFICATIONS

Technical	Values
Fiber optical connector	ST
Transmit medium	Simplex /Duplex fiber
Switch power	DC 9V@200mA
Operation Pattern	Half/whole, major/minor
Power lost	12dB
Transmission distance	2 km
Shell	Metallic
Electrical interface	B25
Electrical standard	RS-232, RS-485, RS-422
Bit rate	115200bps/1Mbps
Optical wavelength	850nm multi-mode optical fiber (50/125um,62.5/125um)
Instruction Indicators	3 LED (PWR, TX, RX)
Operating temperature	0 °C ~ 50 °C
Storage temperature	-40 °C ~ 75°C
Humidity	5%-9% Non-Condensing

ORDERING INFORMATION

P/N	Descriptions
LFM232-MD	2KM RS-232/422/RS485 Multimode Duplex ST Optical Fiber Modem
LFM232-SD	20KM RS-232/422/RS485 Singlemode Duplex ST Optical Fiber Modem
LFM232-LD	40KM RS-232/422/RS485 Singlemode Duplex ST Optical Fiber Modem
LFM232-SS	20km RS-232/422/RS485 Singlemode Simplex FC Optical Fiber Modem
LFM232-LS	40km RS-232/422/RS485 Singlemode Simplex FC Optical Fiber Modem