



SUN Telecom's Model277 is one kind of transparent optic fiber modem of transmission which can offer the user RS-232/485/422 serial port by end to end. This product does not need patch cords set up but can switch over and detect the signal speed automatically, then transmit in zero delay automatically. Model277 transmits through the optic fiber, which owns the advantage of isolated protection, excellent data privacy, working steady and easy-maintenance. Such threats to communication equipment as the thunder stroke, wave and EMI can be prevented effectively in order to work in the terrible and dangerous environment reliably.

This fiber modem can be used in the fields such as various industrial control, process controlling, traffic controlling and intellectual estate, especially for the bank, power system and department and system with the special requirement for the environment interfered with electromagnetically.

Features:

- Extend RS232/485/422 transmission distance:
Up to 120km with single-mode (SM) fiber
Up to 2km with multi-mode fiber (MM)
- Transmit asynchronously, point-to-point to use, speed reach 500Kbps
- 600W surge protection, 1500W static protection
- Examine signal speed automatically, zero delay time
- Plug-and-Play (Device is hot-pluggable, Data format Auto-sensing & Self-adjusting)
- Only one RS232/RS485/RS422 port can be connected at a given time.
- 9 ~ 36VDC power supply Input (2 bit terminal block)

Specifications:

Parameters	Specifications
Standards	EIA RS-232C, RS-485, RS-422 standard
Transfer Rate	300~500kbps, auto test serial signal rate detect signal speed automatically, zero delay time
Transfer Distance	RS-485/422 side: 1.2 Km (9600bps) RS-232 side: no less than 5m
Fiber optic Transfer Distance (km)	Single mode (SM): 20, 25, 40, 60, 80, 100, 120 Multimode (MM): 2,5optional
Max. Number of Drops	RS485/422: 128drops
Fiber Connector	2xSC, 2xST, 2xFC optional
Wavelength (nm)	1310
Fiber Optic Cable	Single Mode: 8.3/125,8.7/125,9/125 or 10/125um Multi Mode: 50/125,62.5/125 or 100/125um
Surge Protection (W)	600
Static Protection (W)	1500
Power Input	+9V~36VDC power supply input (2 bit terminal block)
Dimensions (mm)	100.0 x 69.0 x 22.0
Operating Temp (°C)	-25 ~ 70
Storage Temp (°C)	-40 ~ 85
Operating Humidity	5% to 95% (no condensation)