

	Product Name	Key Feature
	<p style="text-align: center;">UT-277</p> <p style="text-align: center;">RS-232/485/422 To Fiber Converter</p>	

INTRODUCED

I. Summary

- Being a multi-function fiber modem in support of asynchronism RS-232, RS-485 and RS-422 communication interface, UT-277 is the best choice for the connection from remote terminal unit (RTU) to host(HOST) or Supervisory Control and Data Acquisition(SCADA)
- It supports multiple asynchronism communication protocols including RS-232, RS-485 and RS-422, and it also supports a combination of two of the RS-232, RS-485 or RS-422 interfaces as well as both of the working modes, i.e. Two-line (half-duplex) RS-485 and four-line(full duplex) RS-422
- The ability to support RS-485 mode for data TXD or SD sending control greatly improves its compatibility with various kinds of software besides a sharp simplification of control method. Various kinds of fiber connection between asynchronism serial interfaces are supported by UT-277 fiber modem. Both half duplex and full duplex communications through fiber between two asynchronism interface devices are supported with a communication distance as far as 4 kilometers for multi-mode and 20 kilometers for single-mode
- The transmission rate for RS-232 can reach a maximum of 115.2KBPS, while for RS-485/RS-422 a maximum of 460KBPS can be achieved
- Interfaces of different electric standards can be mixed for use with nice EMI/RFT performance, e.g. RS-232 devices can be connected to RS-485/RS-422 devices, and the interface converter or photoelectric isolator can be replaced from RS-232 to RS-485
- Two data signal transmissions are supported by UT-277: data sending and data receiving. At the same time, automatic control circuit is also provided for RS-485/RS-422 data transmission. Zero delay for converting time is achieved. ST interfaces are used for fiber connection.

II. Performance parameters

- ST Connectors (Can choose SC, FC connector)
- Electric interface: RS-422/RS-485/RS-232 Adoption terminal
- Electric standard: RS-232, RS-485 or RS-422 (optional).
- Transmission rate: 460Kbps.
- Transmission media: double multi-mode
- Transmission distance: 4 Km for multi-mode,20 km for single-mode
- Working mode: asynchronous half/full duplex, server/client mode
- Wavelength: 820nm multi-mode 1310nm multi-mode.
- Power pre-consumption: 12db.
- Power supply: DC 9V @ 200 mA.
- Indicator light: 3 LED indicators for PWR, TX and RX.
- Dimensions: 97mm x 65mm x 22mm.
- Chassis: metal shell
- Working environment: -25°C to 70°C, relative humidity 5% to 95%

INFORMATION ORDER

MODEL:	UT-277MM	Fiber port is Multi-mode 5KM	(SC, ST, FC optional)
	UT-277SM	Fiber Port is Single-mode 20KM	(SC, ST, FC optional)
	UT-277SML	Fiber Port is Single-mode 40KM	(SC, ST, FC optional)