

MC-Serial-SC20



MC-Serial-SC20 provides a fiber modem solution to extend asynchronous RS232, RS485 or RS422 transparent transmission distance up to 20Km over a pair of single mode fibers. This converter is designed for auto detection, auto switching, no need jumpers or settings, and auto transmission in case of delays.

This converter adopts optical fiber transmission, isolation protection, data protection, lightning and surge protection designs. This converter is widely used in industrial automation and traffic control.



Serial over Fiber

RS422/485/232 Terminal Block

RS422+ (Transmit positive)	485+	RS232 Grounding (must connect)
RS422- (Transmit negative)	485-	RS232+ IN
RS422+ (Receive positive)	(2 wires)	RS232- OUT
RS422- (Receive negative)		

Features

- Async transmission, point to point application, data rate 500Kbps
- RS485/422 support 32 links
- Surge protection 1500W and static power protection up to 15KV
- Support auto data rate detection

Specifications

Optical Interface:	Connector SC	Electrical Interface:	Connector 9 Pin Terminal Block
Fiber	SM 9/125um	RS232 Line:	15 meters
	Rate 155Mbps	RS485/422 Line:	1200 meters
Distance	SM 20Km	Indicators:	Power Green LED ON – Normal
Wavelength	1310nm		Link1 Green LED ON – Fiber link connected
Power Input:	5VDC 1A		Link2 Green or Flashing – Data transmission
Dimensions:	100 x 96 x 26mm (W x D x H)	Standard:	EIA/TIA RS-485, RS-232, RS422
Weight:	230g	Operating Temperature:	-30°C ~ +65°C
Humidity:	5 ~ 95% (non-condensing)	Storage Temperature:	-40°C ~ +85°C

Ordering and Package Information

MC-Serial-SC20, Fiber to RS232/485/422 Converter, SM, SC, 20Km, at \$78 each converter.

One package box contains 2 converters and 2 power adapters.



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