

Hardware Specifications

Serial Interface

Serial Port	1 x serial RS-232 (DB9 male)
Fiber Port	1 100Base-FX single-mode port (ST connector)
LED	PWR: Green Illuminated for normal operation LNK: Green Illuminated when receiving link pulse from compliant device RCV: Amber Illuminated when receiving packets from DTE or DCE
Power Input	VDC 9~32V
Power Protection	ESD, EFT, Surge: Present
Power Consumption	2.24 watts
Weight	280 grams
Dimension	90 mm (W) x 31.5 mm (H) x 109.2 mm (D)

Environmental

Operating Temperature	Regular 0 to 60°C
Storage Temperature	-20 to 80°C
Operating Humidity	10%~80% RH (Non-condensing)

Technology Specifications

Standard	EIA/TIA-422, EIA/TIA- 485
Maximum Distance	Fiber distance up to 2 km (Multi-mode)
Data rates	Serial: max. 115.2 kbps (asynchronous)

Regulatory Approvals

EMI	FCC Class A
EMS	EN6100-4-2, EN6100-4-3, EN-6100-4-4, EN6100-4-5, EN6100-4-6, EN61000-4-11
Safety	CE/EN60950
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Free Fall	IEC60068-2-32
Environmental	WEEE, RoHS
MTBF	300,000 hrs based on Mil-Hdbk-217F, GB
Warranty	3 years

Optical Specifications

Model	Fiber type (um)	Connector	Wavelength (um)	TX Power (min)	TX Power (Max)	Rx Power (Min)	Rx Power (Max)	Link Budget (dbm)	Distance (km)
RUS-115MTD	Multi-mode 62.5/125	ST	1310nm	-19dBm	-14dBm	-31dBm	-14dBm	12dBm	2km

Ordering Information

RUS-115MTD

RS-232 to Fiber converter, Multi-mode ST connector, DB9 male