



# KRAMER

## FC-50

RS-232 Range Extender

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The FC-50 is a bidirectional range extender for RS-232 signals. The unit converts an RS-232 signal to a twisted pair signal and sends it to a second FC-50 that converts the twisted pair signal back into an RS-232 signal

## FEATURES

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### Bidirectional RS-232 Operation

Operation - 2 units are required

Mode Selection - Connects the RS232 port to a PC or a controlled device

Mode Indicator LED - Red for device and green for PC

System Range - Up to 1000m (3300ft)

Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5

Crossed/Straight Selection - Between the unit and the controlled device

Power Connect™ System - A single connection to the transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other

Compact MultiTOOLS® - 4 units can be rack mounted sidebyside in a 1U rack space with the optional RK1 universal rack adapter



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## TECHNICAL SPECIFICATIONS

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PORTS:	1 RS232 on a 9pin Dsub connector, 1 twisted pair on an RJ45 connector
BAUD RATES:	Up to 115200
INDICATOR LED:	Green for PC, red for device
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	40° to +70°C (40° to 158°F)
HUMIDITY:	10% to 90%, RHL noncondensing
POWER CONSUMPTION:	12V DC, 42mA
OPTIONS:	RK1 19" rack adapter
PRODUCT DIMENSION:	5.33cm x 7.30cm x 4.36cm (2.10" x 2.87" x 1.72" ) W, D, H
PRODUCT WEIGHT:	0.1kg (0.2lbs) approx
SHIPPING DIMENSION:	23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H
SHIPPING WEIGHT:	0.4kg (1.0lbs) approx

