



VA-1USB-T

USB Twisted Pair Transmitter



The **VA-1USB-T** is a high-performance, twisted pair transmitter for communicating USB, bidirectional RS-232 data and IR signals over extended distances using CAT 5/6 cable. The unit encodes USB signals and RS-232 data into a TP signal that it transmits to the VA-1USB-R.

FEATURES

- True Plug and Play Operation - No drivers.
- High-Speed USB - Supports USB 2.0 and 1.1.
- RS-232 Data Transmission - Full duplex, bidirectional.
- Range - Up to 100m (330ft).



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TECHNICAL SPECIFICATIONS

INPUTS:	1 USB host on a USB B-type connector, 1 bidirectional RS-232 on a 9-pin D-sub connector.
OUTPUTS:	1 twisted pair on an RJ-45 connector, 1 IR on a 3.5mm mini jack.
USB SUPPORT:	1.1 and 2.0 (bulk mode, not isochronous).
BAUD RATE:	Up to 115.2kbps, full duplex.
POWER CONSUMPTION:	5V DC, 450mA.
TRANSMISSION RANGE:	Up to 100m (328ft).
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 non-condensing.
DIMENSIONS:	21.1cm x 11.5cm x 2.9cm (8.3" x 4.53" x 1.13") W, D, H.
WEIGHT:	0.44kg (0.97lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-T2B 19" rack adapter.

