

# ExtremeUSB™ Core TP



LEX Core TP



REX Core TP

## Core TP - Product Highlights

*Core TP modules utilize ExtremeUSB technology and are ideal for OEM integration of extended USB over Cat-5 UTP cable.*

The ExtremeUSB Core TP is ideal for OEM integration of ExtremeUSB technology over Category 5 UTP cable.

- Supports USB 1.1 (low-speed, full-speed) devices up to 12 Mb/s.
- True USB plug-and-play, no drivers required.
- All major operating systems supported (Windows, Apple, Sun).
- Your time-to-market USB extension solution complete with integrated transceiver.
- Ideal for OEM integration of ExtremeUSB™ technology where maximum flexibility of design is required.
- Can be used with Icron's existing packaged product offerings.
- Supports up to four high-power USB devices.
- Supports local, remote or dual powering options.
- Fully compliant with USB 1.1 Specification, as certified by the USB Implementers Forum.
- Number of devices can be increased using standard USB hubs.



## Ordering Information

Name	Part Number	Description
LEX Core TP	10-00017G	Local Extender Module with 2-pair TP link interface
REX Core TP	10-00018G	Remote Extender Module with 2-pair TP link interface

## Product Specifications

Range (over Category 5 TP cable)	100 meters (330 ft)
Power required at LEX *	5V DC @ 100mA and 3.3V DC @ 90mA
Power required at REX *	5V DC @ 75mA and 3.3V DC @ 105mA
LEX dimensions	63.5mm x 63.5mm x 22.5mm (2.5" x 2.5" x 0.9")
LEX weight	34g (0.07 lb)
REX dimensions	63.5mm x 63.5mm x 21.5mm (2.5" x 2.5" x 0.8")
REX weight	28g (0.06 lb)
Operating Temperature	0°C to 70°C**
Storage Temperature	-20°C to +60°C, 0 to 90% RH non-condensing

\* Power ratings are for the *ExtremeUSB* Core circuitry only. Additional power is required for USB devices.

\*\*Operating Temperature is limited to existing component/IC ratings, customer must select appropriate connectors to support this rating in final product. Industrial range temp (-40°C to + 85°C) can be met if required at additional cost.

**Specifications subject to change without notification**

