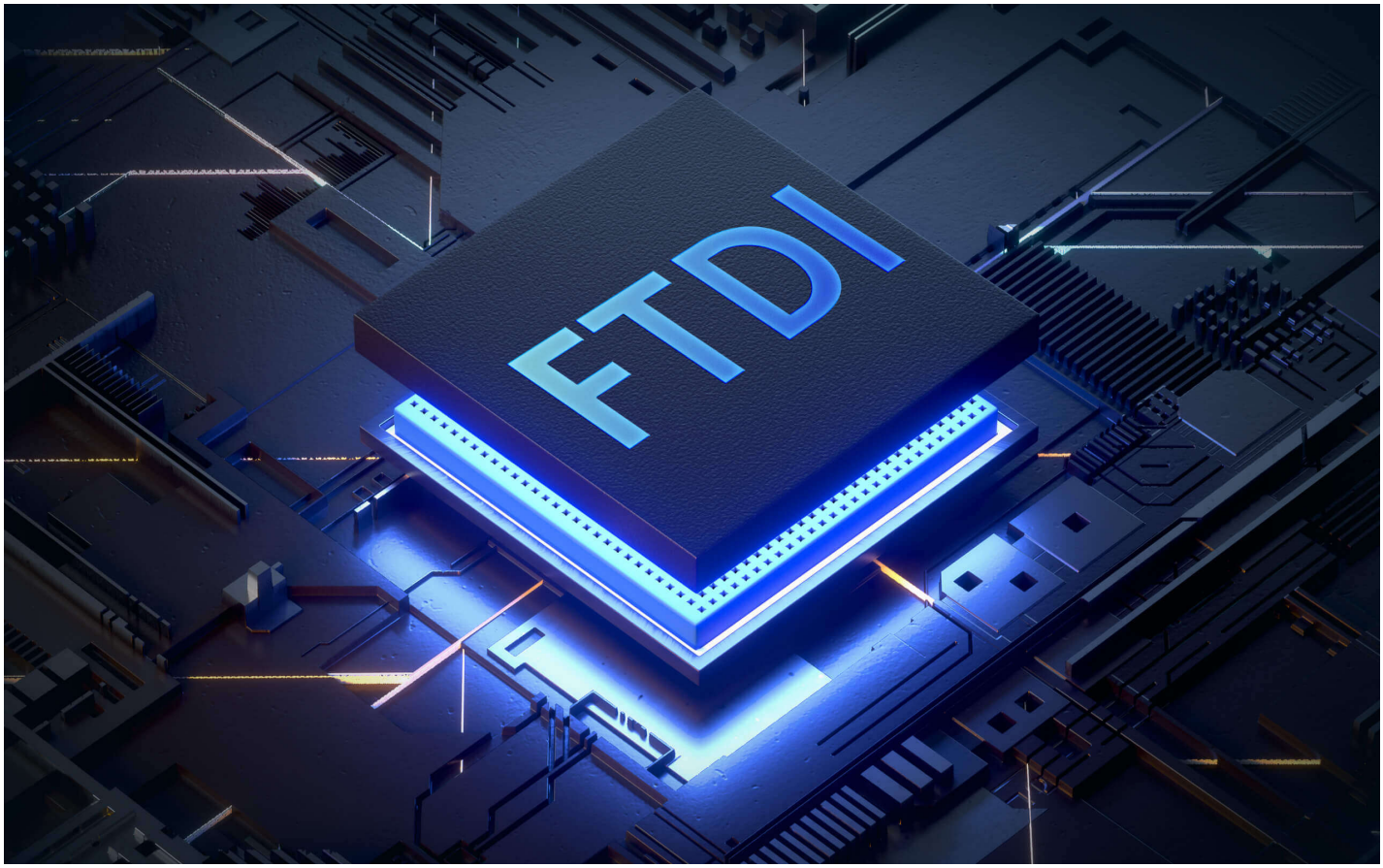
Simply Better Connections

UC232BF

USB to RJ-45 (RS-232) Console Adapter (FTDI/1.2 m)



New Upgrade USB-A to RJ-45 (RS-232) Console Adapter

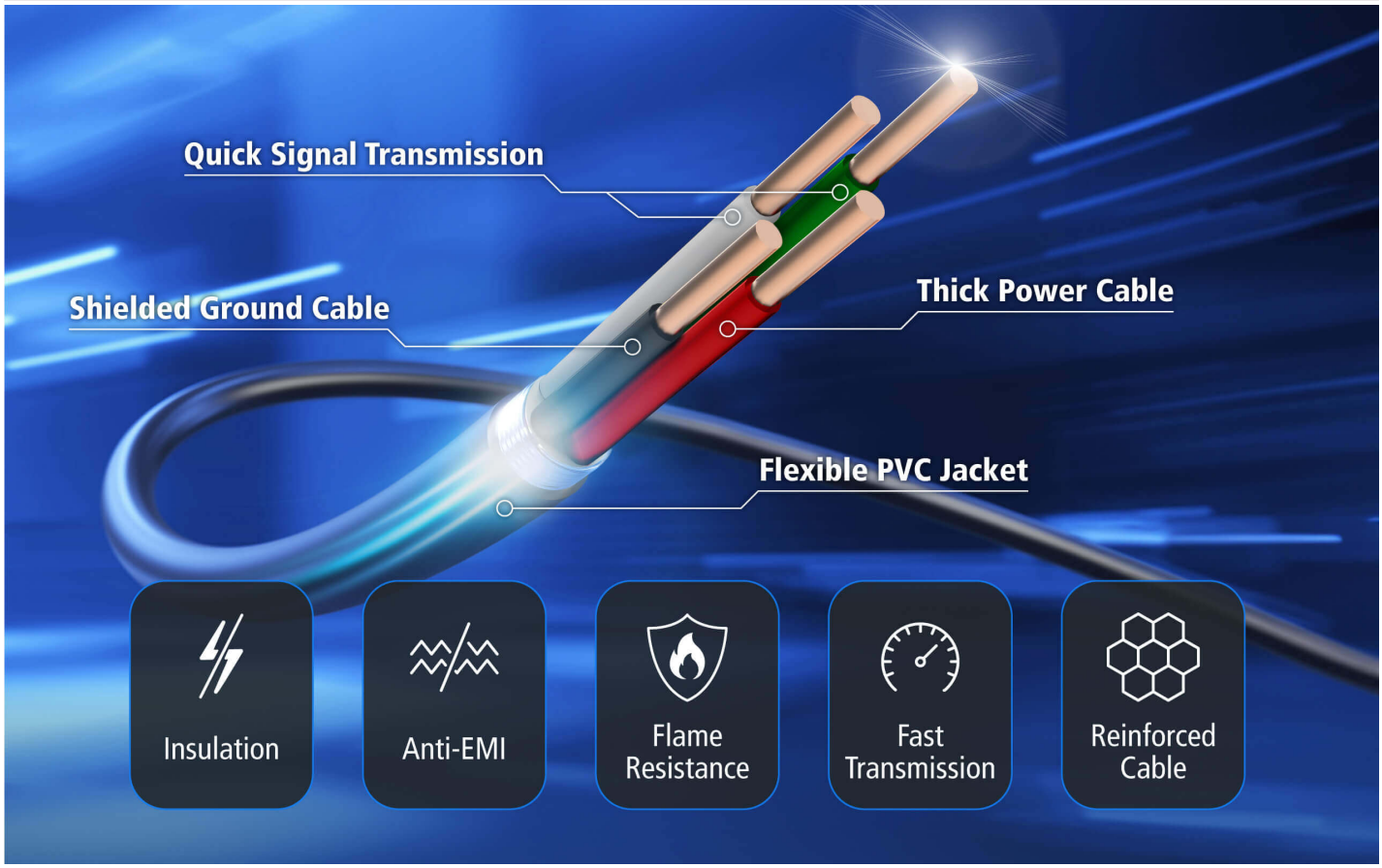
Equipped with the FTDI chipset, the UC232BF features reliable data transmission at a high speed and better device compatibility via plug-n-play connectivity.

Multi-System Support

The UC232BF is compatible with multiple operating systems, such as macOS, Linux, Windows 7/8/10, and legacy Windows Vista/XP versions as well.

Compatible with

Windows Vista, XP, 10, 8, 7 / macOS / Linux

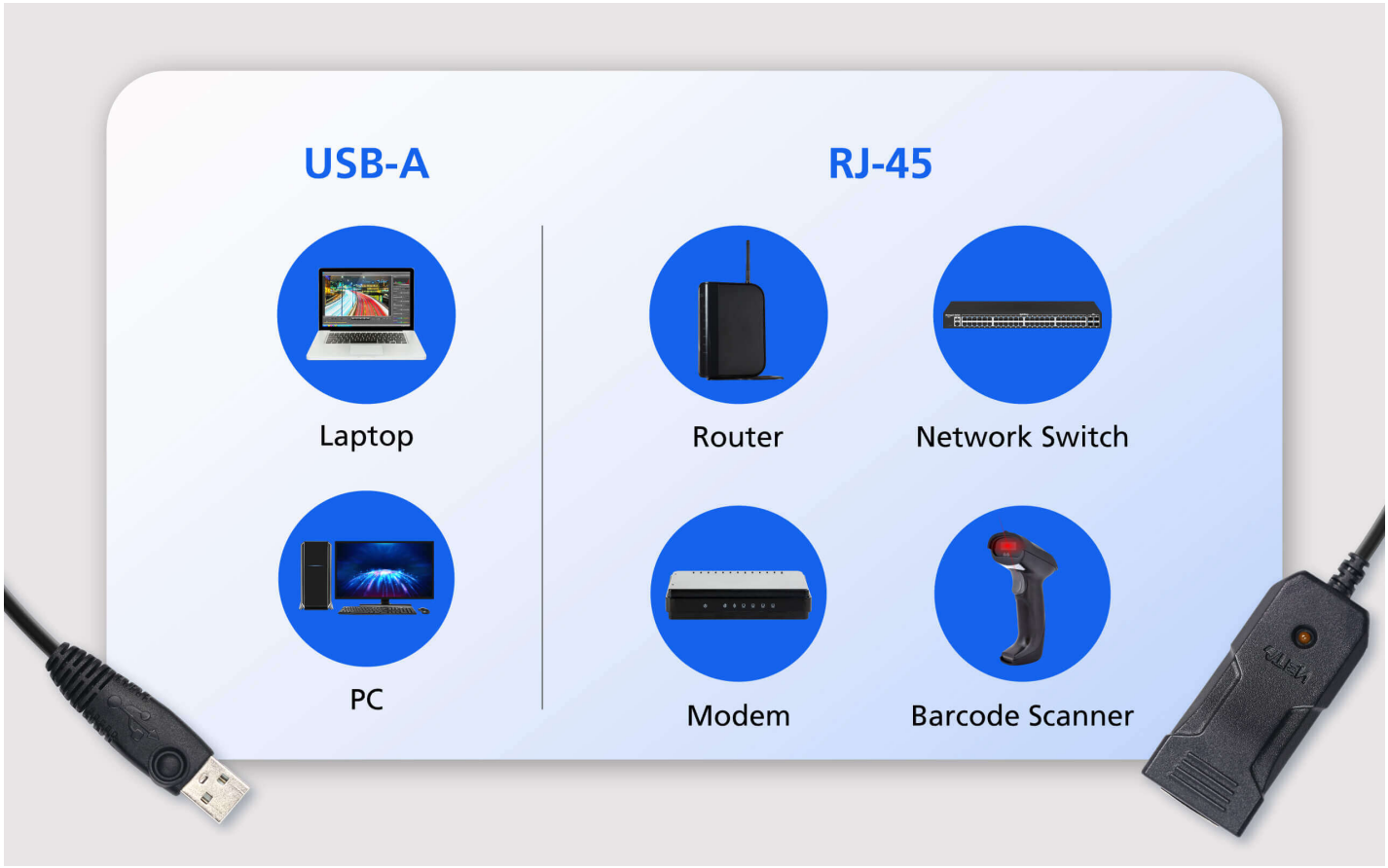


Stable Performance, Fast Transmission

The UC232BF offers USB 2.0 connectivity and is equipped with a robust cable that ensures proven anti-EMI performance for reliable signal transmission at speeds of up to 921.6 Kbps baud rate.

Broadly Compatible with Serial Devices via RJ-45 Connectivity

The UC232BF allows your PC or laptop to control and communicate with various serial devices directly via RJ-45 cable, such as modem, network switch, router, barcode scanner, etc.



1.
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Legacy Equipment Maintenance

Server Room

Production Line

Previous Next

Product Comparison

The UC232 lineup is well-suited for a variety of applications including industrial automation, IT networking, and control systems.

*Notes: Models equipped with FTDI chip provide better signal transmission with legacy Windows OS.

Talk to Our Experts

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If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you shortly

First Name *

Last Name *

- Country *

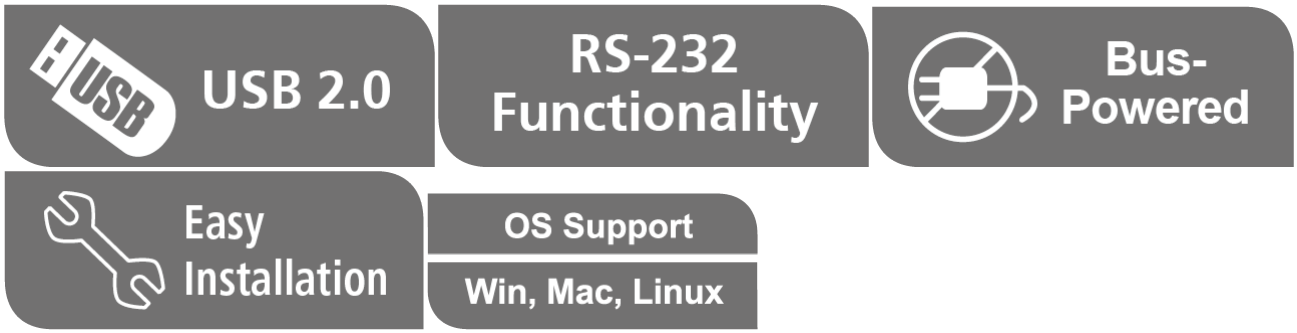
Company *

Email *

Phone Number *

- Customer Type *

Job Title *



Features

The ATEN UC232BF is a one port USB-to-Serial console adapter. This high quality industrial adapter cable is designed to instantly add single RS-232 console port connectivity for networking appliances via a USB port. The adapter is powered via the USB connection.

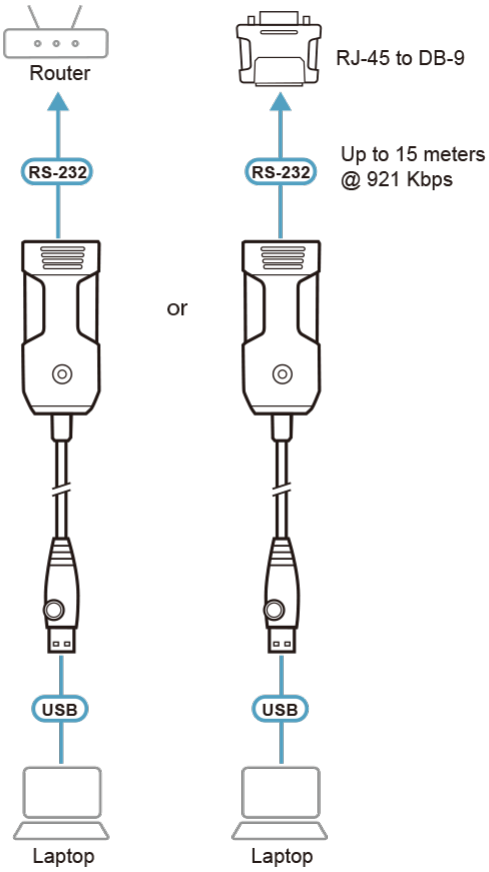
The UC232BF is compatible with the USB 2.0 standard and works conveniently with desktops and laptops. It also can be used with large integrated computerbased systems or other specialized applications, such as point-of-sale applications, networking equipment, industrial automation systems, and native serial transfer instruments to offer a convenient connectivity solution. The UC232BF converter provides a plug & play solution. Windows, Mac and Linux drivers are included.

- Converts a USB port to RJ-45 Console port (RS-232)
- Adopts FTDI chip for enhanced device compatibility
- Supports straight RJ-45 cables; no need to use Rolled RJ-45 cables for connecting Networking Routers / modems / network switches for configuration
- Fast COM port Transmission – up to 921.6 Kbps data transfer rate
- COM retention saves the assigned port settings for the device
- Proven performance in anti-electromagnetic interference (anti-EMI) capability for stable transmission performance
- Plug-and-Play
- No external power supply needed

Specifications

Connectors	
USB Port	1 x USB Type A Male
Serial	1 x RJ-45 Female
Data Rate	Up to 921.6Kbps
Cable Length	1.2m
LEDs	Power Status
Power Mode	Bus Powered
USB Specification	USB compliant
Power Consumption	DC5V:0.11W:1BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0–40˚C
Storage Temperature	-20–60˚C
Humidity	0–80% RH, Non-condensing
Physical Properties	
Housing	Plastic
Weight	0.06 kg (0.13 lb)
Dimensions (L x W x H)	2.56 x 5.84 x 2.23 cm (1.01 x 2.3 x 0.88 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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