

# USER MANUAL

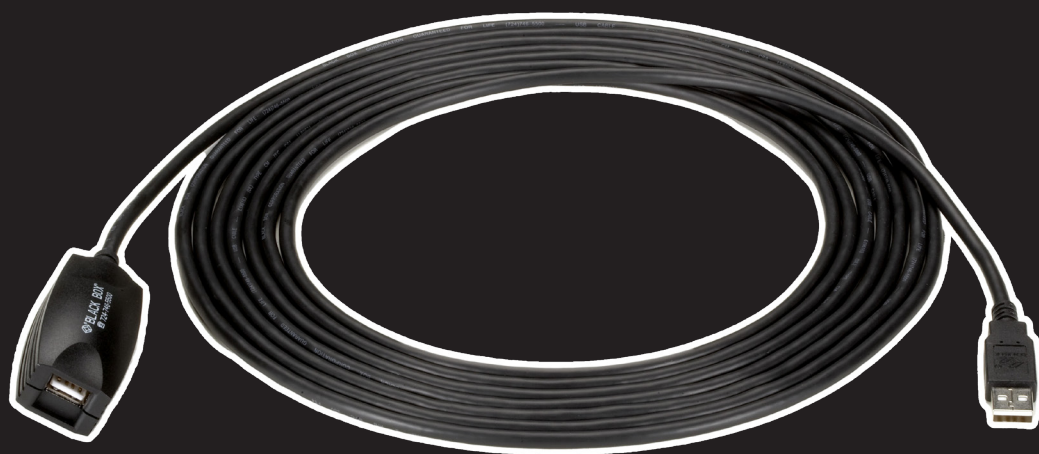
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USBR01-0016-R4

# USB 2.0 EXTENSION CABLE

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24/7 TECHNICAL SUPPORT AT 1.877.877.2269 OR VISIT [BLACKBOX.COM](http://BLACKBOX.COM)



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# INTRODUCTION AND SPECIFICATIONS

## 1.1 INTRODUCTION

Use the USB 2.0 Extension Cable to extend your USB communications. You can extend your USB equipment up to 64 feet (19.5 m) from the host by connecting up to 4 active extension cables. The cable supports speeds up to 480 Mbps.

## 1.2 SPECIFICATIONS

TABLE 1-1 SPECIFICATIONS

SPECIFICATION	DESCRIPTION
Distance	Can extend up to 64 feet (19.5 m) serially with 4 active extension cables. Reference Table 1-2 with your USB device for the output power at the end of Active Extension cable in series. <sup>1</sup>
Supported Operating Systems	Windows® 10, 11, or higher macOS® 10, 11, 12 or higher Ubuntu®
Speed	Up to 480 Mbps
Standard	Compliant with USB 2.0 specifications
Connectors	(1) USB Type A M; (1) USB Type A F

<sup>1</sup>In some instances, only two cables can be connected in a series due to power drop due to cable length.

TABLE 1-2 USBR01-0016-R4 (mA) POWER OUTPUT IN SERIES

# OF CABLES IN SERIES	POWER OUTPUT
1	290 mA
2	150 mA
3	100 mA
4	77 mA

Supports up to 4 cables in series

**NOTE:** Verify the power requirements of your end device used in series. Not all end devices will work with 4 cables in series. If end device power requirements are greater than the cable in series power output, then external power will be needed. Example: If a user wants to use a device that requires 125 mA of power, only two cables can be used in a series. In this instance, if the user wants to use 3 or 4 cables in a series, then the user must provide external power to the device.

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