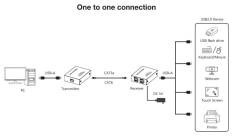
DATASHEET

4-port High-Speed USB 2.0 Extender on 150m Cat.6 cable



General data

4-port High-Speed USB 2.0 Extender consisting of transmitter and receiver; Allows connections to be made via a Cat.5e / 6/7 network cable (copper and high quality cables), with a transmission distance of up to 100m for Cat.5e and 150m for Cat.6 and above with dedicated switch
Support switch relay through an indipendent switch that is not connected to the network, signal transmission distance can be increased by using a Gigabit switch; Support hot plugging of USB devices and automatically identify high speed, full speed and low speed USB
Supports USB 2.0 devices up to 480Mbps; backword compatible with USB1.1 / USB1.0; It supports 4 USB 2.0 inputs and 1 USB 2.0 output
The transmitter is powered by the source device, no additional power is required; Protections: against lightning, overload and ESD
Dimensions (per unit): 76 x 60 x 21 mm; Colour Black

USB 2.0 Extender capable of carrying out an installation via a Cat.5e / 6/7 network cable (copper and high quality cables) with a transmission distance of 100m for Cat.5e and 150m for Cat.6 or higher with dedicated switch; when the connection goes through a switch, the distance of the input cable and that of the output cable can reach 100m respectively. It supports 4 USB2.0 inputs to connect printers, cameras, scanners, USB memories, keyboards, mice, touchscreens, etc. and supports cascaded gigabit switches.

Features
4-Port High-Speed USB 2.0 Extender consisting of transmitter and receiver

This datasheet was created automatically on 09-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

4-port High-Speed USB 2.0 Extender on 150m Cat.6 cable

Allows connections to be made via a Cat.5e / 6/7 network cable, with a transmission distance of up to 100m for Cat.5e and 150m for Cat.6 and above with deidcated switch
Support switch relay through an indipendent switch that is not connected to the network, the signal transmission distance can be increased by using a Gigabit switch
Supports hot plugging of USB devices and automatically identifies high speed, full speed and low speed USB
Supports USB 2.0 devices up to 480Mbps; backword compatible with USB1.1 / USB1.0
Supports 4 USB 2.0 inputs and 1 USB 2.0 output
The transmitter is powered by the source device, no additional power is required

Protections
Lightning protection
Overload protection
ESD protection

Technical specifications
Compatibility: USB 2.0, compatible with USB1.1, USB1.0
Transmission speed: compatible with High-Speed (480Mbps), Full-Speed (12Mbps) and Low-Speed (1.5Mbps)
Transmission distance: CAT5E≤100m; CAT6 / 6A / 7≤150m with dedicated switch
USB Hot-Plug supported
Connections: 4 USB-A input ports; 1 USB-A out port
Standard: Cat.5e / 6 / 6A / 7 compliant with EIA / TIA 568B standard
Power supply: TX: powered by the source; RX: DC 5V / 1A
Consumption: TX ≤2W; RX≤2W

Operating systems
Windows
Mac OS
Linux
Android

Dimensions
Width: 76 mm
Depth: 60 mm
Height: 21 mm
Weight: TX 123 g; RX 128 g

Environmental characteristics
Operating temperature: from -20° ~ 60°C
Storage temperature: -30° ~ 70°C
Humidity: 0 ~ 90% (non-condensing)

Certifications
EC
FCC
RoHS

This datasheet was created automatically on 09-11-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

4-port High-Speed USB 2.0 Extender on 150m Cat.6 cable

Package Contents
1x Transmitter
1x Receiver
1x DC5V / 1A power supply
1x USB cable
1x User Manual

Technical properties	
Connection type primary side	USB-A
Connection type secondary side	USB-A
Transmission length	150 m
Transmission rate	480 Mbit/s

Available variants

ArtNr.	Bezeichnung	Unique
IUSB-EXTEND1504P	4-port High-Speed USB 2.0 Extender on 150m Cat.6 cable	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION