

Gigabit Ethernet LAN Over Coaxial Extender Kit - 2.4km

EOC1110K

- DE: Bedienungsanleitung - de.startech.com
- FR: Guide de l'utilisateur - fr.startech.com
- ES: Guía del usuario - es.startech.com
- IT: Guida per l'uso - it.startech.com
- NL: Gebruiksaanwijzing - nl.startech.com
- PT: Guia do usuário - pt.startech.com

Packaging Contents

- 2 x Ethernet over Coax converter box
- 2 x Universal Power Adapter (NA/UK/EU)
- Instruction Manual

System Requirements

- 10/100/1000Mbps compatible Ethernet network/equipment
- Coaxial cabling (RG-59/6/7/11)
- Available AC power outlet at converter box locations

Installation

Hardware Installation

NOTE: Both of the converter boxes in the EOC1110K kit are identical, so they can be installed at either end, in any order.

1. At one of the locations for the converter box, connect an RJ45 Ethernet cable from the existing Ethernet network or computer network adapter to the "LAN" port on the converter box.
2. Connect the coax cable to the "Link" F-Connector on the converter.

OPTIONAL: If also transmitting analog cable TV signals over the coax line, connect the CATV F-Connector to a TV or TV receiver. Digital cable TV signals are not supported.

3. Connect the included power adapter. The power LED should light up solid. The LAN Link/Act LED should light up solid when successfully connected to an Ethernet device on the "LAN" port.
4. Setup the other converter boxes by following the same Steps 1~4
5. Once both units are setup, they should be able to automatically locate one another over the coax cabling. The Coax Link and Sync LEDs should stay solid once communication is established. The Coax Link LED will flash during communication.
6. The devices plugged into the "LAN" ports should now be able to communicate with one another freely.

Driver Installation

No driver or software installation is required for these converters on any connected computer systems.



*actual product may vary from photos

Cable Lengths

Maximum bandwidth (Mbps) based on coaxial cable type and length.

Distance	RF Bandwidth	RG-59	RG-6	RG-7	RG-11
100m ~ 700m		144	144	144	144
800m		128	144	144	144
900m		112	144	144	144
1000m		96	128	144	144
1100m		80	128	144	144
1200m		64	112	128	144
1300m			80	128	144
1400m			80	128	144
1500m			64	112	144
1600m	< 30MHz			96	128
1700m				80	128
1800m				80	128
1900m				64	112
2000m					112
2100m					96
2200m					80
2300m					80
2400m					64

Specifications

Transmission Standards	ITU G.9954, IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab
Connectors (per unit)	2 x F-Connector female 1 x RJ45 female 1 x DC Power
LEDs (per unit)	1 x Power 1 x LAN Link/Activity 1 x Coax Link/Activity 1 x Coax Sync
Compatible Cabling	RG-59, 6, 7, 11
Maximum Distance	2400m (RG-11)
Power Adapter	12VDC, 1000mA, center positive, type M plug
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-10°C ~ 70°C (14°F ~ 158°F)
Humidity	10% ~ 90% RH
Dimensions (per unit)	280.0mm x 138.0mm x 76.8mm
Weight (per unit)	320g

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Warranty Information

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