Enable-IT 865QWC PRO Coax Gigabit Professional Grade PoE Extender Kit Quickstart Guide

Professional Grade Networking

ENABLE-IT

INSTALLING THE 865QWC PRO COAX POE EXTENDER KIT

The Enable-IT 865QWC PRO Coax PoE Extenders have a distance restriction of 3,000ft (915m) over 75 Ohm rated RG6 cabling between 865QC PRO units. Therefore a site survey of the wiring and installation planning are highly recommended.

The 865QWC Ultra Coax PoE Extender is a 56V 150W very high power PoE Extender Solution for the most demanding applications. This Power Detect solution supports any 802.3af/at or 802.3bt standard PoE Device.

Perform an Out Of The Box Test (OOTBT)

We recommend that you perform a quick out of the box test to ensure the working order of your Enable-IT 865QWC PRO Coax PoE Extender units prior to installing. This will also serve to familiarize you with how easy the process should be.

Step 1) Using using your own RJ6 75 Ohm Coax cable – attach to the Interlink port on each 865QWC PRO Coax unit (Labeled Interlink).

Step 2) Using a provided Ethernet patch cord attach your LAN Data Input into the 865QWC PRO Coax CO LAN Port 1.

Step 3) The last steps to connect the 56V 150W DC Injector to your AC power source.

The Green Interlink Status LEDs will start flickering slowly and then fast as the units talk to each other. After a second you should see a solid Green Interlink Status LED on each unit to confirm a link is established. This confirms basic proper operation of the units.

For a more detailed test and to confirm your PoE Device Equipment works with the 865QWC PRO Coax units, connect your PoE Devices to the Gigabit LAN ports on the 865QW PRO CPE unit.

865QWC PRO Coax CPE

865Q PRO CO Power bundle

LAN Data IN

Coax Interlink Cabling up to 3,000 feet / 915m

2 - PoE output ports

Performing the On-Site Installation

After removing the Enable-IT 865QWC PRO Coax PoE Extender Kit from the box, and performing the Out Of The Box Testing (OOTBT), all that remains to install the unit on-site is to mount the unit, build the interconnect wiring and attach the PoE device cabling with the provided Ethernet Patch cords.

Troubleshooting

First examine the backbone wiring pair and make sure you have solid connections. The Interlink Sync LED will be lit solid Green with rapid pulsing on each 865QWC PRO Coax unit to show proper connection and pairing. If the Interlink Sync LED Link is flashing slow to fast and never goes solid…. Then follow the steps below:

1) Make sure your wiring is straight through end to end coax.

2) Check for a firm connection of the RJ-45 and Coax BNC connections in each 865QC PRO unit, and power is applied to the 865QC PRO CO & CPE units.

3) **You can easily isolate any issue by performing an <u>Out Of The Box Test (OOTBT)</u>. This test will confirm the correct working order of your Enable-IT 865QWC PRO Coax Ultra PoE Extender Kit. This will point to a possible issue with your long distance Interlink wiring being affected by possible outside interference.**

865Q PRO (4-Port) DIP Switch Settings

- Default is all DIP switches Down = On for 4-port PoE

- Switch 1:

    LAN 1 / LAN 2 PoE On – Down / On Position - Default

    LAN 1 / LAN 2 PoE Off – Up / Off Position

- Switch 2: 4-Pair output

    P**oE 4-Pair   – Down / On Position - Default**

    PoE 2-Pair   – Up / Off Position (PIN 1,2,3 & 6)

- Switch 3:
    LAN 3 PoE On – Down / On Position - Default
    LAN 3 PoE Off – Up / Off Position

- Switch 4: Not Used
    LAN 4 PoE On – Down / On Position - Default
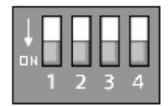   LAN 4 PoE Off – Up / Off Position

TECHNICAL SUPPORT

Online Technical Services
The Enable-IT Support Portal is available 24/7 to open a ticket or check the status of one. Please use this support website as your first source for help as it contains an on-line knowledge base of articles, documentation, FAQ's and other problem-solving resources.   This web-based support resource provides the quickest solution to the most common technical support issues.

Returning Products for Warranty Repair
Enable-IT warrants to the original purchaser of this described Product ("you" or the "End User") that, for the limited lifetime period commencing on the date the Product was purchased (the "Warranty Period"), the Product will be substantially free from defects in materials and workmanship under normal use and conditions. Lifetime Warranty details here: https://warranty.enableit.com

This warranty does not apply to Products, which are resold as used, repaired or reconditioned. **Electrical or water damage is not covered under this warranty, extended warranties or Advanced Replacement Program (AREP).**

In order to obtain an authorized RMA approval, the End User must complete the required information online located at https://support.enableit.com   If you have questions or difficulty completing this information you may contact the Customer Care Team at 888-309-0910 between the hours of 7:00 a.m. and 4:00 p.m. Pacific Time(PST).

Returning Products for Refund
Enable-IT, Inc. offers a generous 45-Day refund on a single Ethernet Extender Kit only, and is subject to a 20% Restocking Fee. Shipments without a valid or authorized RMA number, or sent to our corporate Las Vegas address, can be refused and / or billed for additional shipping.

CONTACT US

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