

Installation Guide for Models:

EVO15UU-B

5-Port, Forward Unity Gain, Return Unity Gain

Installation Examples on back



*This Guide is intended to be used in conjunction with the Cable Operators' Standard Operation Instructions & Policies. It does not take precedence.

Introduction

The Entry Series[®] EVO15UU-B is a 5-output device with one all-passive port for Voice Modems (Gateways, eMTAs, etc.) and four active ports with unity gain for video. The all-passive Voice Modem Port maintains signal integrity to and from the Voice Modem/Gateway port in the event of a power outage or active circuit failure. If digital voice services are not being implemented, the Voice Modem port can be used for video or data services.

The Entry Series[®] EVO15UU-B carton should contain:

- Entry device, EVO15UU-B
- Power supply, PPC-PS15450 or PPC-PS15450PI depending on availability
- Mounting screws, 1/4" Triple-combo

Required Tools:

- Phillips screwdriver, flat-head screwdriver or 1/4 hex-head nut driver for mounting the unit
- Open Ended 7/16" Torque wrench appropriate for connectors

Powering:

The provided PPC-PS15450 and PPC-PS15450PI power supplies should be used to power the amplifier. These power supplies are designed for a 115 VAC input and performance matched to the Entry Device.

Grounding:

For 6 AWG wire, torque Ground Screw to 30 in-lbs. For 14 AWG wire, torque Ground Screw to 20 in-lbs. All unused ports should be terminated into 75 Ω . Apply power to the amplifier only after all RF port connections have been made. The maximum recommended length of RG6 bi-shield coaxial cable between the power supply and the amplifier power port is 225 ft.

Troubleshooting:

1. Verify proper voltage to the input of the amplifier.
 - If YES, proceed to step 2
 - If NO, replace the power supply and repeat step 1.
 - If the power supply was replaced and the voltage is not correct, replace the cable between the power supply and the amplifier
2. Determine if the four OUTPUT ports are providing RF signals at the proper levels.
 - If YES, the LED is likely bad.
 - If NO, the amplifier is damaged and must be replaced.

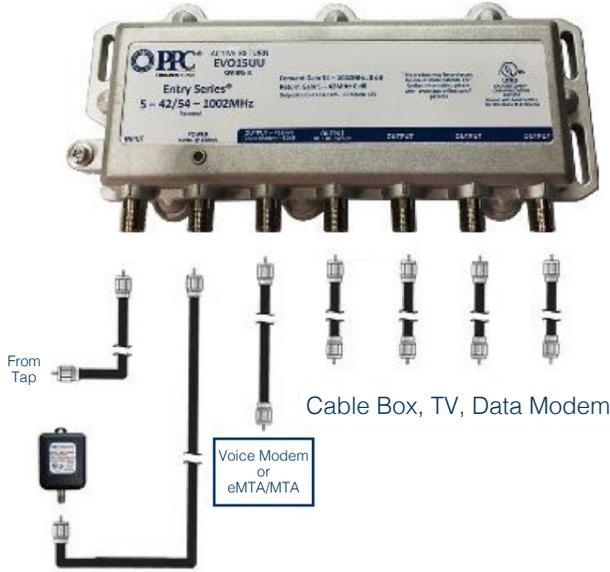
Entry Series[®] Important Safety Instructions

- 1) Do not use this apparatus near water.
- 2) Clean only with dry cloth.
- 3) Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- 4) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
- 5) Refer all servicing to qualified service personnel

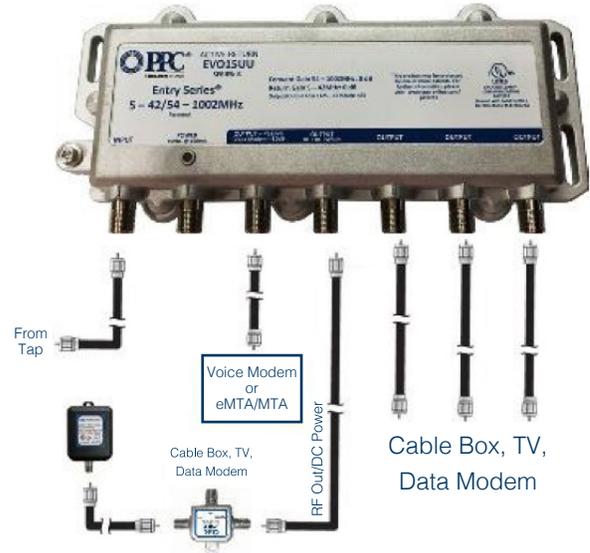
Installation Examples:

Powering using the single port PPC-PS15450 power supply

Direct powering

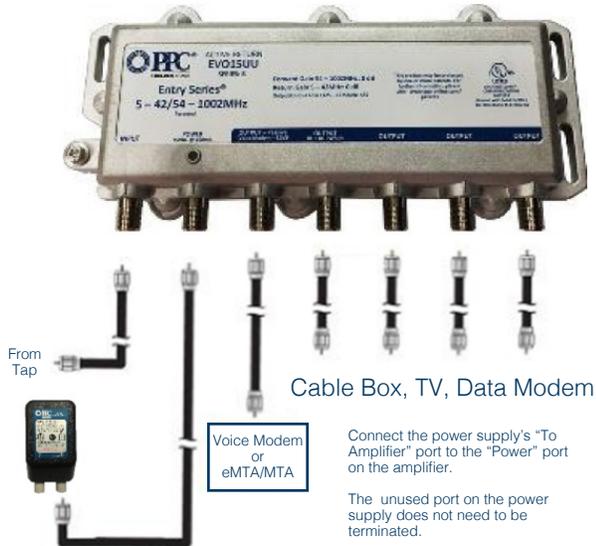


Indirectly powering via a power inserter



Powering using the dual port PPC-PS15450PI power supply with a built-in power inserter

Direct powering



Indirectly powering via a power inserter

