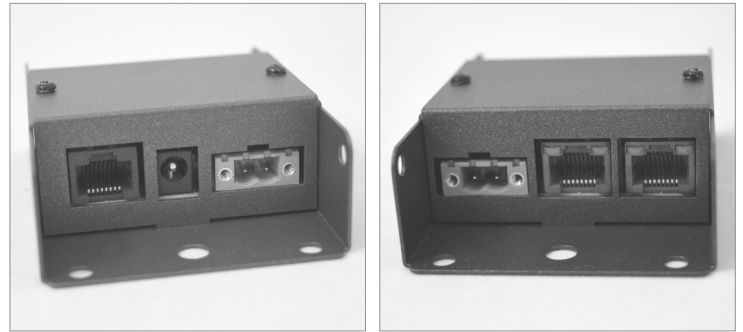


PRODUCT DESCRIPTION

The Active Emitter Power Injector is used to combine DC power from the Active Emitter Power Supply with the audio signal from the QtPro Control Module in order to provide a powered "signal" for the Qt® Active Emitter. There are two output ports that each support up to 25 Qt Active Emitters. The Active Emitter Power Injector can be placed in the plenum or headend mounted. It fits inside a standard 4x4 electrical enclosure.

FEATURES

- Combines DC power from the Active Emitter Power Supply and signal from a QtPro Control Module to provide a powered signal for up to 50 Qt Active Emitters
- Provides two output ports each supporting up to 25 Qt Active Emitters
- Plenum or headend mounted
- Fits inside a standard 4x4 electrical enclosure



TECHNICAL SPECIFICATIONS

Input signal connector:	RJ45
Masking/audio "signal" input voltage:	9VAC Maximum
"Signal + Power" output 1 & 2 connectors:	RJ45 (x 2)
Nominal DC input voltage:	36VDC
Maximum DC input current:	3.7A
DC input reverse polarity protection:	Auto recovery each input
"Power" input connector:	Qty (1) 2 - Conductor Captive Screw Type (Phoenix Style) Connectors. Accepts 12 to 24 AWG wire.
Auxiliary "power" input:	2.5 x 6.5mm Barrel Jack, center positive
"Power" output connector:	Qty (1) 2 - Conductor Captive Screw Type (Phoenix Style) Connectors. Accepts 12 to 24 AWG wire.
Maximum DC output current:	1.85A each output
Output overload/short circuit protection:	Auto recovery each output
Width:	2.75" (6.99 cm)
Length:	3.75" (9.53 cm)
Height:	1.25" (3.18)
Weight:	4.6 oz (130.41 g)
Certifications:	UL 2043
Color:	Galvanized Steel
SKU:	PI-AE

RECOMMENDED CABLING TYPES

"Power": 14 AWG - 2 Conductor CMP/ NEC CL3P:

West Penn #25226

Liberty #14-2C-P

Belden #6100UE

or Equivalent

"Signal" / "Signal+Power": 8 conductor 24 Gauge AWG solid conductor plenum rated category UTP:

Cabling Type Cat 3, 5, 5e, or 6

West Penn #254245

Belden 1501A

Liberty #24-4P-P-L5-EN

or Equivalent