

Vi0015

PoE Power Combiner Cable



Features

- Combines up to 2 PoE ports for doubling PoE power output
- Handles PoE power levels up to 74W
- PoE power solution for PoE PTZ domes, LED lighting and other high power PoE applications
- Combines two PoE outputs to meet higher PoE device requirements
- Conforms to standard RJ45 connectors and standard Cat5e/Cat6 wiring

Applications

- High power PoE requirements such as PTZ domes, LED lighting, Access Control
- Schools, Casinos, Retail

The Vi0015 can connect to selected Vigitron network switches and Midspans to combine the PoE output of two ports increasing PoE power beyond the normal 30W to provide power for extended distance applications and those requiring high power PoE**. By conforming to standard RJ45 connections and Cat 5e/6 wiring using the Vi0015 eliminates the need for any modifications. The Vi0015 can be used for applications where the PoE power of a single port is limited and connected devices require higher PoE power.

Using the Vi0015, Vigitron's Vi2216A can increase the number of ports providing up to 74W from 4 to 8. Vigitron's product line of five port switches can power up to two devices requiring more than 30 watts up to 60 watts*.

Technical Specification*

Electrical

Connections	2x RJ45 Male 1x RJ45 Female
PoE Handling Capacity	
Inputs	up to 37W on each input
Output	up to 74W

Regulatory

Safety	CE
Environmental	RoHS, WEEE

Environmental

Humidity	0 to 95%, non-condensing
Temperature	Operating: -40°C to +75°C Storage: -40°C to +85°C

Reliability

Mechanical

Dimensions	7.10 in., 18.03 cm (length)
Weight	0.053 lb (24g)
Housing	ABS

*Specifications subject to change without notice.

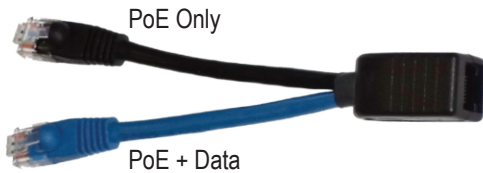
Ordering Information

PART No.	Description
Vi0015	PoE Power Combiner Cable

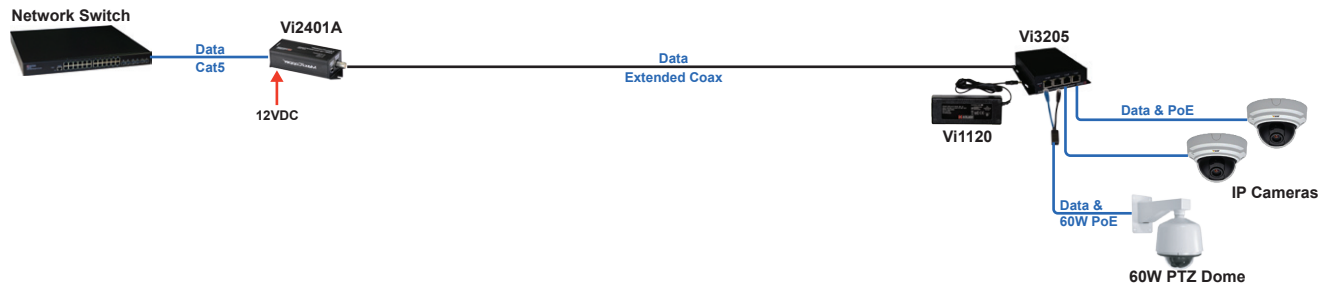
Vi0015 Compatibility

PART No.	Description
Vi2208A	8-Port High Power (60W) Managed PoE Midspan (300W PS)
Vi2216A	16-Port High Power (60W) Managed PoE Midspan (600W PS)
Vi3005	5-Port 60W PoE++ Powered PoE 10/100 Switch
Vi30005	5-Port 60W PoE++ Powered 10/100/1G Switch
Vi3305	5-Port Extended UTP PoE Switch, Standard Uplink
Vi3105	5-Port PoE Powered PoE Switch, Extended UTP Uplink
Vi3205	5-Port PoE Powered PoE Switch, Extended Coax Uplink

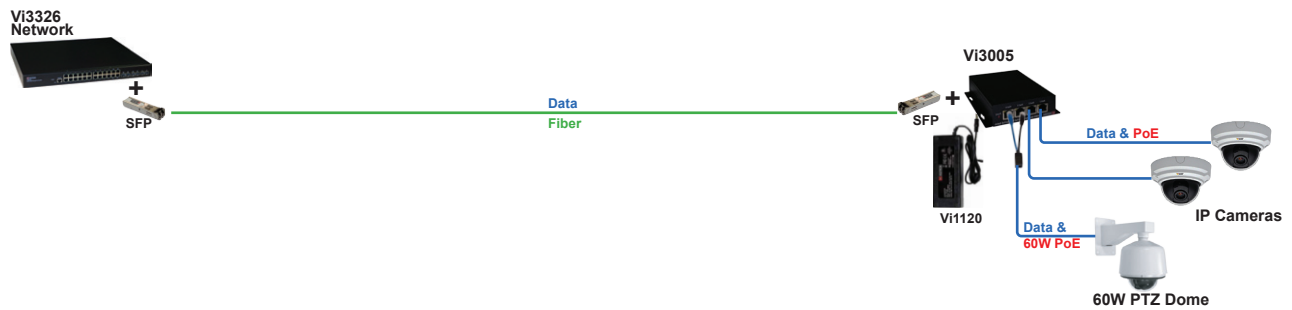
These are compatible products for using the Vi0015 to combine PoE port power.



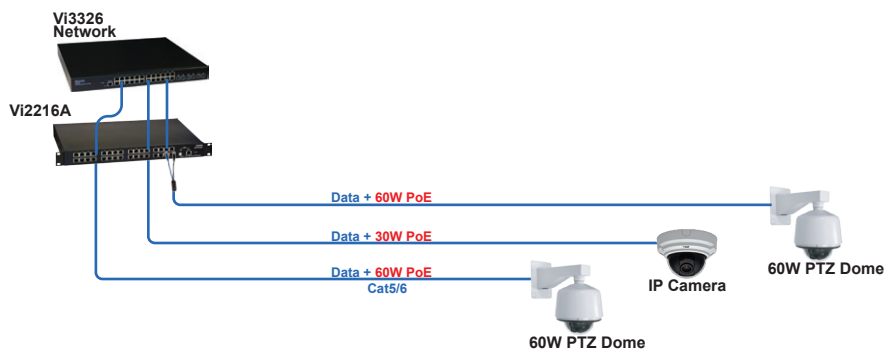
Application Diagrams



The Vi3205 can receive data over extended distance Coax up to 3,000 ft. at 100Mbps and power 60W PoE cameras using the Vi0015 combiner cable and a local power supply.



The Vi3005 can receive data over Fiber optics and power 60W PoE cameras using the Vi0015 combiner cable and a local power supply.



The Vi2216A provides 4 ports at 74W. If more high power ports needed the Vi0015 can be used to combine each 2 ports PoE power to provide up to 74W.