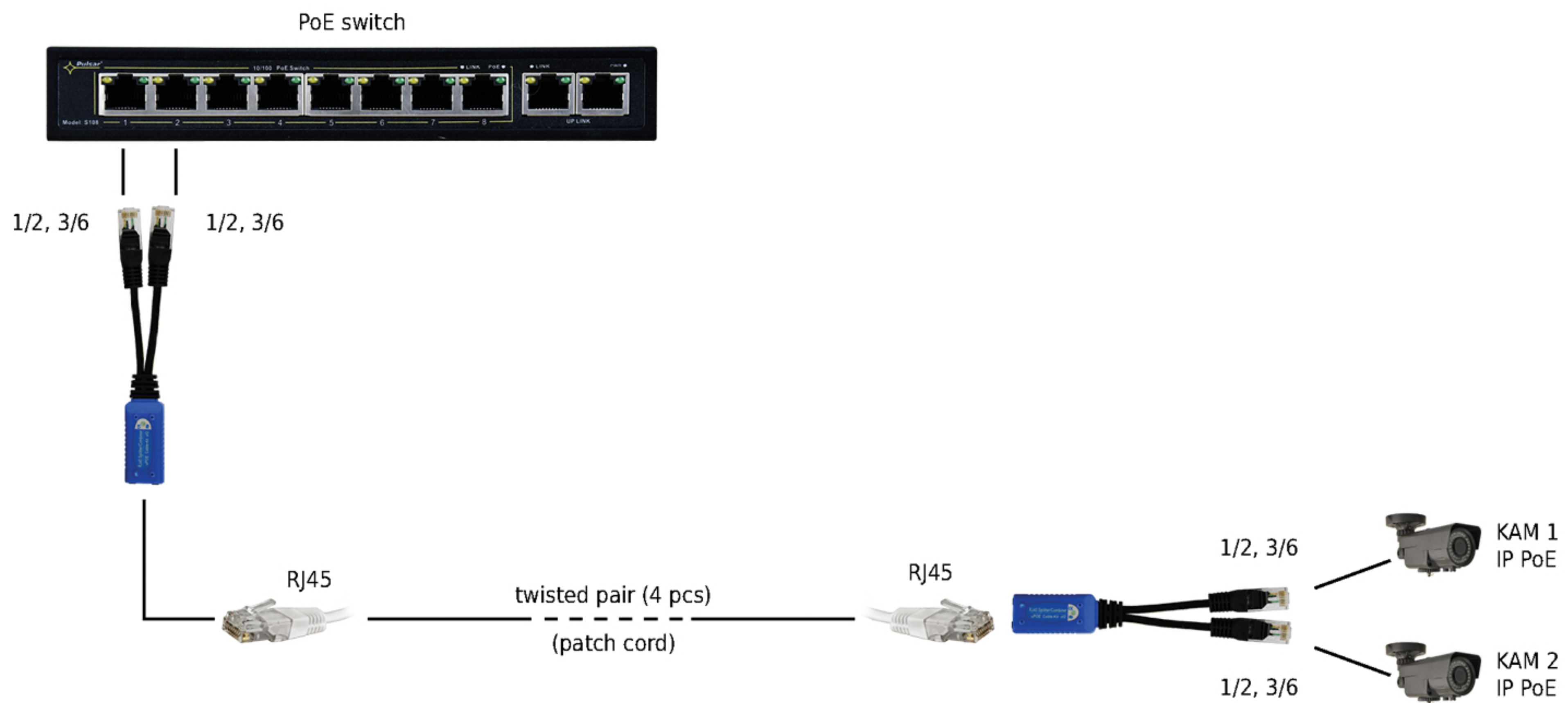


PTB-AF-5V is an indoor rated PoE USB-A splitter specially designed for complex backhaul and networking application. Enclosed in an IP40 fire retardant plastic case with compact design. It works as a converter to get power and data from PoE injector or PoE Switch of 802.3af/at over RJ45 connector then separate power and data to PDs.

The output power is 5Vdc, 2.0A (Typ)/2.5A(max) via USB-A Female connector to PDs. Such as Tablet PC, Mobile, IoT device and other USB-A DC 5V devices.

PoE signal into a separate data signal at 10/100Mbps. For planning purposes, the effective distance is 100 meters via Cat5e/Cat6 cables from Ethernet data source to PD.



## Specifications

Parameter	Description
Key Features	1.802.3af/at PoE Injector/Switch input or Passive 40-57Vdc PoE input 2. Data Speed: 10/100Mbps 3. Isolated design to avoid huge current input damage 4.Compact design
Part Number	PTB-AF-5V
Ports condition	RJ45 Female PoE Input*1, RJ45 Male data Output*1, USB-A Female Power Output*1
Regulatory Compliance	IEEE802.3af/at RoHS Compliance WEEE Compliance
Pass Through Data Rates	10/100 Mbps
Output	5Vdc 2.0A @0°C to 55°C, 5Vdc 2.5A(max) @0°C to 40°C, User Port Power: 12.5W(Max)
Input	Pin Assignment and Polarity: 4/5(+), 7/8(-) or 3/6(+),1/2(-) DC Input Voltage: 40-57Vdc PoE injector or PoE Switch 802.3af/at
Working Environment	Operating Temperature: 0°C to 40°C Operating Humidity:20% to 80%, non-condensation Storage Temperature: -20°C to 70°C Storage Humidity: 10% to 95%, non-condensation Operating Altitude: up to 2000meters
Mechanical Characteristics	Case: Plastic Color: Glossy White Mounting:Wall-mounted IP Rated: IP40 Connectors: RJ45 Female*1, RJ45 Male*1, DC Male Jack 3.5*1.35mm, USB-A Female*1 Size: (81.3+124.81) X 34.7 X 19mm Weight:200g (0.44lb)