

Gigabit PoE Splitter / PoE Booster Adapter Comparison List

Product Type	PoE Splitter				PoE Booster	
Product Model	POE-PD04S+	POE-PD04S-12V	POE-PD05S	POE-PD06S	POE-DGT-ZW	POE-DMG-ZW
Products Picture						
Speed						
100M/1G/2.5G/5G(Multi-Giga)	V	V	V	V	V	
100M/1G/2.5G/5G/10G (Multi-Giga)						V
Hardware Specifications						
Design of power polarity isolation components		Effectively prevent POE/PSE connection instability and disconnection				
Network Media	10BASE-T/UTP Cat.3 or up 100BASE-TX/UTP Cat.5 or up 1G/2.5G/5GBASE-T/UTP Cat.5e or up	10BASE-T/UTP Cat.3 or up 100BASE-TX/UTP Cat.5 or up 1G/2.5G/5GBASE-T/UTP Cat.5e or up	10BASE-T/UTP Cat.3 or up 100BASE-TX/UTP Cat.5 or up 1G/2.5G/5GBASE-T/UTP Cat.5e or up	10BASE-T/UTP Cat.3 or up 100BASE-TX/UTP Cat.5 or up 1G/2.5G/5GBASE-T/UTP Cat.5e or up	10BASE-T/UTP Cat.3 or up 100BASE-TX/UTP Cat.5 or up 1G/2.5G/5GBASE-T/UTP Cat.5e or up	10BASE-T/UTP Cat.3 or up 100BASE-TX/UTP Cat.5 or up 2.5G/5G BASE-T/UTP Cat.5e or up 10GBASE-T/UTP Cat.6a or up
PoE Detector	N/A	N/A	N/A	N/A	Support PoE Type A or PoE Type B detection	Support PoE Type A or PoE Type B detection
LED Display	Voltage Output LED x3 : 12V or 19V or 24V	PWR and POE input / at detection LED on Ethernet Port	Voltage Output LED x3 : 12V or 19V or 24V	Voltage Output LED x3 : 12V or 19V or 24V	System Power(Green) x1 PoE (R45): End-span(Green),Mid-span(Yellow) x2	System Power(Green) x1 PoE (R45): End-span(Green),Mid-span(Yellow) x2
Data PIN	PIN 1/ 2,3/ 6B 4/ 5,7/ 8	PIN 1/ 2,3/ 6B 4/ 5,7/ 8	PIN 1/ 2,3/ 6B 4/ 5,7/ 8	PIN 1/ 2,3/ 6B 4/ 5,7/ 8	PIN 1/ 2,3/ 6B 4/ 5,7/ 8	PIN 1/ 2,3/ 6B 4/ 5,7/ 8
Power PIN	End-span(Type A) PIN 1/2 & 3/6 Mid-span(Type B) PIN 4/5 & 7/8	End-span(Type A) PIN 1/2 & 3/6 Mid-span(Type B) PIN 4/5 & 7/8	End-span(Type A) PIN 1/2 & 3/6 Mid-span(Type B) PIN 4/5 & 7/8	End-span(Type A) PIN 1/2 & 3/6 Mid-span(Type B) PIN 4/5 & 7/8	End-span(Type A) PIN 1/2 & 3/6 Mid-span(Type B) PIN 4/5 & 7/8	End-span(Type A) PIN 1/2 & 3/6 Mid-span(Type B) PIN 4/5 & 7/8
Data In	Connects PC/HUB/Switch	Connects PC/HUB/Switch	Connects PC/HUB/Switch	Connects PC/HUB/Switch	Connects PC/HUB/Switch	Connects PC/HUB/Switch
Ethernet Connector	RJ-45 x1 for Power + Data input RJ-45 x1 for Data output	RJ-45 x1 for Power + Data input RJ-45 x1 for Data output	RJ-45 x1 for Power + Data input RJ-45 x1 for Data output	RJ-45 x1 for Power + Data input RJ-45 x1 for Data output	RJ-45 x1 : Data RJ-45 x1 : Data + Power	RJ-45 x1 : Data RJ-45 x1 : Data + Power
ESD Protection	V	V	V	V	V	V
Standards Conformance						
IEEE802.3 10Base-T	V	V	V	V	V	V
IEEE802.3u 100Base-TX	V	V	V	V	V	V
IEEE802.3ab 1000Base-T	V	V	V	V	V	V
IEEE 802.3bz 2.5G/5GBASE-T	V	V	V	V		
IEEE 802.3an 10G BASE-T						V
Active / Chip Standard POE						
IEEE 802.3af PoE (15.4Watt/Class3)	V	V	V	V	V	V
IEEE 802.3at PoE+ (30Watt/Class4)	V	V	V	V	V	V
IEEE 802.3bt PoE++ (60Watt/Class6)			V	V		V
IEEE 802.3bt PoE++ (90Watt/Class8)				V		V
Passive (Passthrough) / Circuit pPhysical POE						
Passive PoE (15.4Watt Power Level)	V	V	V	V		
Passive PoE (30Watt Power Level)	V	V	V	V		
Passive PoE (60Watt Power Level)			V	V		
Passive PoE (90Watt Power Level)				V		
Environmental&M/Characteristics						
Input Voltage	PoE Input(44V-57V)	PoE Input(44V-57V)	PoE Input(44V-57V)	PoE Input(44V-57V)	Overall wide voltage range : DC 12 ~ 57V Auto booster voltage range : DC 12 ~ 55V (When using STB input for auto boosted voltage and conversion to 802.3af/at standard PoE 56V output) PoE constant voltage range : DC 48~57V (When using DC Input)	Overall wide voltage range : DC 12 ~ 57V Auto booster voltage range : DC 12 ~ 55V (When using STB input for auto boosted voltage and conversion to 802.3af/at standard PoE 56V output) PoE constant voltage range : DC 48~57V (When using DC Input)
Max Power Output	Using Active or Passive POE 30Watt up as input : Support conversion to DC 12V or DC 19V or DC 24V/27Watt output	Using Active or Passive POE 30Watt up as input : Support conversion to DC 12V or DC 19V or DC 24V/27Watt output	Using Active or Passive POE 60Watt up as input : Support conversion to DC 24V/34.8Watt output Support conversion to DC 36V/45.8Watt output Support conversion to DC 48V/57.6Watt output	Using Active or Passive POE 90Watt up as input : Support conversion to DC 24V/34.8Watt output Support conversion to DC 36V/45.8Watt output Support conversion to DC 48V/57.6Watt output	Active POE 30Watt Power output	Active POE 90Watt Power output
RJ45 cabling effective PoE length	100m(Suggest to use CAT5e up)	100m(Suggest to use CAT5e up)	100m(Suggest to use CAT5e up)	100m(Suggest to use CAT5e up)	100m(Suggest to use CAT5e up)	100m(Suggest to use CAT5e up)
Power Interface (Input)	RJ45 Power over Ethernet port power input	RJ45 Power over Ethernet port power input	RJ45 Power over Ethernet port power input	RJ45 Power over Ethernet port power input	Multi Power Input : DC In (Using for PoE constant voltage input) or Screw Terminal Block In (Using for boost voltage system)	Multi Power Input : DC In (Using for PoE constant voltage input) or Screw Terminal Block In (Using for boost voltage system)
Power Interface (Output)	DC Jack : Output to any none PoE 12V or 19V or 24V DC in device	DC Jack : Output to none PoE 12V DC in device	DC Jack : Output to any none PoE 12V or 19V or 24V DC in device	DC Jack : Output to any none PoE 12V or 19V or 24V DC in device	RJ45 Active 802.3af/at PoE Out	RJ45 Active 802.3af/at PoE Out
Output Voltage	DC Output Control Range : Three range adjustable by DIP switch DC Output Maximum Current : 12V :0A ~ 2.25A, 19V :0A ~ 1.42A , 24V :0A ~ 1.125A	DC Output Control Range : Supports 12V single voltage output mode DC Output Maximum Current : 12V :0~2.25A	DC Output Control Range : Three range adjustable by DIP switch DC Output Maximum Current : 12V :0A ~ 2.9A, 19V :0A ~ 2.6A , 24V :0A ~ 2.4A	DC Output Control Range : Three range adjustable by DIP switch DC Output Maximum Current : 12V :0A ~ 2.9A, 19V :0A ~ 4A , 24V :0A ~ 3.5A (By 2024/07 update)	56Volt	56Volt
Operating Temperature	0° to 40° C	0° to 50° C	0° to 40° C	0° to 50° C	Wide temperature design -40° to 75° C	Wide temperature design -40° to 75° C
Storage Temperature	-40° to 70° C	-40° to 70° C	-40° to 70° C	-40° to 70° C	-40 to 85° C	-40 to 85° C
Dimension (W x D x H)	84.5 x 80x 39.5 (mm)	111 x 35.5 x 79 (mm)	84.5 x 80x 39.5 (mm)	111 x 35.5 x 79 (mm)	130 x 27 x 82 (mm)	130 x 27 x 82 (mm)
Weight (g)	100.2g	203g	105g	205g	235g	235g
Form Factor	Desktop / Wall mounting / Units Combination	Desktop / Wall mounting	Desktop / Wall mounting / Units Combination	Desktop / Wall mounting	Desktop / Wall mounting	Desktop / Wall mounting
Case of material	Plastic	Metal	Plastic	Metal	Metal	Metal
Certifications	FCC, CE, RoHS compatible	FCC, CE, RoHS compatible	FCC, CE, RoHS compatible	FCC, CE, RoHS compatible	FCC, CE, RoHS compatible	FCC, CE, RoHS compatible
Product Model	POE-PD04S+	POE-PD04S-12V	POE-PD05S	POE-PD06S	POE-DGT-ZW	POE-DMG-ZW