DATA SHEET

10/100/1000M Standard PoE Splitter

HR-BTG-PD12F



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CE FC RoHS

This type of standard POE splitter, complied with IEEE802.3af, IEEE802.3at, IEEE802.3bt power supply standards, can separate the power and data signals that transmitted through the network cable. Equipped with two output connection modes: DC plug and industrial Phoenix terminal, the default output voltage is 12V, and the maximum output power can reach 72W. The machine adopts metal shell design, better protection, side ventilation and heat dissipation, longer life, and the working temperature range is -10℃~+50℃.

Main Features

- 1*1000M PoE-in Port + 1*1000M Data-out Port
- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3af/at standards
- The voltage output supports DC plug and 2 PIN industrial Phoenix terminal connection
- DC power output maximum 72W
- Metal housing design, with better protection
- Wide working temperature -10℃~+50℃

Application Environment

Metro Optical Broadband Network:
Data network operators such as telecommunications, cable TV, and network system integration,etc.

Broadband private network:
Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries

Multimedia transmission:
Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications

Real-time monitoring:
Simultaneous transmission of real-time control signals, images and data

Specifications		
General Parameter		
Product Name	1000M Standard PoE Splitter	
Product Model	HR-BTG-PD12F	
Port Definition	1*1000M PoE-in Port + 1*1000M Data-out Port	
PoE Features	IEEE802.3af /IEEE802.3at/IEEE802.3bt	
	PoE Input: 48V~55V	
	PoE power supply line sequence: 1/2+ ; 3/6- or 4/5+ ; 7/8- or 1/2-; 3/6+	
	Interface Type: DC 2.5/ Industrial Phoenix 2PIN terminal	
Output	Voltage: 12V; Power: 72W	
Network Media	10BASE-T: Cat 3,4,5 UTP(≤100 meter) 10BASE-T: Cat 6 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter)	
Indicator	PWR	Light on: PoE normal
		Light off: Non- PoE
Working Environment	Temperature: -10~50℃ Storage Temperature: -40~85℃ Humidity: 5%~95 % (RH)	
Testing Standard	EN61000-4-2 （ESD）touch 6KV，air 8KV IEN61000-4-5 （Surge）common mode 4KV, differential mode 2KV EN61000-4-3 （RS） EN61000-4-6 （CS） EN61000-4-4 （EFT） FCC Part 15/ CISPR32 /EN55032： CLASS A IEC 60068-2-27 shock testing IEC 60068-2-32 free fall testing IEC 60068-2-6 vibration testing	
Physical Structure	Housing protection: IP20 Installation: Wall-mounted Product Weight： 0.3KG with package :0.4KG (not includes adapter) Product Size (L×W×H): 105*107*33mm Package Size (L×W×H): 175*130*55mm	

Package List	1) PoE Splitter 1pc; 2) User Manual 1pc; 3) Certificate 1pc
Safety Certificate	CE、FCC、RoHS
MTBF	100,000hours

Ordering Info	
HR-BTG-PD12F	1*1000M PoE-in Port + 1*1000M Data-out Port

