

INDOOR PoE INJECTOR

HF-POE20-AC/DC

Product Description

HF-POE20-X is a Gigabit PoE Injector that combines power and data and delivers them to a powered device over one Ethernet cable. The POE-20 injector provides up to 20 watts, higher than the conventional PoE injectors. It features LED indicator for health status of the PoE. It is available with Universal AC Input and also Wide Range DC input. The 0 to 45 deg C wide temperature range design makes the HF-POE20 perfect for operating in higher temperature indoor environments.



DC PoE Indoor



AC PoE Indoor

Features

- Gigabit PoE Injector
- Compliant with isolation and channel
- 0-45 degree Celsius wide temperature range
- Data and power carried over one Ethernet cable
- Full protection OCP and OVP

HF-POE20-AC/DC

TECHNICAL SPECIFICATIONS

Interface

RJ45 Ports	10/100/1000BaseT(X) for PoE OUT and DATA IN
PoE Pinout	Default: 1, 2, 4, 5 V+ , V- for pin 3, 6, 7, 8 (4 pairs)

Power Requirements

Input Voltage	100-264 VAC for AC Model & 36-75 VDC for DC Model
Protection	Overload Current & Over voltage; Reverse Polarity & Short circuit
Power Consumption	Max. 2.5 W full loading without PD's consumption
Power Budget	Max. 20 W for 1 PD's consumption

Standards and Certifications

Standards	Passive PoE - as per characteristics of IEEE802.3af - 4 Pairs
Safety	EN/IEC 60950-1
EMI/EMC	EN 55032/24 CISPR 32, FCC Part 15B Class A
Surge & Lightning Protection	<ul style="list-style-type: none">IEC 61000-4-2: (ESD) Air Discharge: ±8kV, Contact Discharge: ±4kVIEC 61000-4-6: (CS) 150 kHz to 80 MHz, 3Vrms (Level 2)IEC 61000-4-3: (RS) 80MHz~6000MHz, 3V/m (Level 2)CISPR22/32: Class A: CE test from 150KHZ to 30MHz, RE test 30MHz to 6GHzEN 61000-4-8: Pulse Frequency Magnitude immunity test level at 3A/mIEC 61000-4-4: Electrical Fast Transients ±1kV on Power LinesIEC 61000-4-5: Surge Test<ul style="list-style-type: none">AC PoE: Input side (220V) ±4kV to ±6kVOutput side (Ethernet Lines) ±4kV to ±6kVDC PoE: Input side (48V) ±4kV to ±6kVOutput side (Ethernet Lines) ±4kV to ±6kV

Ordering Information	
Model No.	Description
HF-POE20-AC	IO Indoor PoE Injector, 20W, AC Input
HF-POE20-DC	IO Indoor PoE Injector, 20W, DC Input

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