

OSD2971/48VDC GIGABIT PoE+ INJECTOR



APPLICATIONS

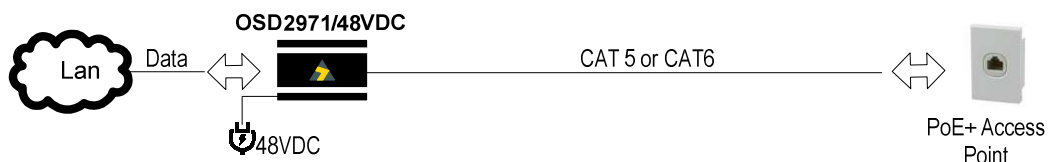
- ▲ Power over Ethernet
- ▲ Networks using Power over Ethernet devices such as IP cameras, intercoms, access control, telephones, variable message signs, wireless access points etc
- ▲ Power distribution for PoE access points



FEATURES AND BENEFITS

- ▲ Small and robust module powered by -48VDC nominal PoE PSE compliant to IEEE 802.3at and 802.3af
- ▲ Operates over the temperature range of -20 to +65°C
- ▲ Supports networks speeds up to 1000Mbps.
- ▲ Plug and play operation

TYPICAL SYSTEM DESIGN



ORDERING INFORMATION

OSD2971/48VDC PoE+ Injector powered by -48VDC



# SPECIFICATIONS

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## ELECTRICAL

Electrical Data Interface	IEEE802.3af/802.3at
Electrical Data Rate	10, 100, 1000Mbps
Electrical Data Connector	RJ45
PoE PSE PoE Power	Alternative A (Pins 1/2 and 3/6) and Alternative B (Pins 4/5 and 7/8) 30W Maximum

## PHYSICAL

Operating Temperature Range	-20 to +65°C
Relative Humidity	0 to 95% non-condensing
Power Requirements	-47 to -57VDC @ 0.5VA plus up to an extra 30W for PoE operation (attached powered device dependent)
Power Connector	2-way 5.08mm terminal block
Isolation	>3kV
Indicators	Power PoE
Dimensions of Module (mm)	60W x 94D x 26H
Weight of Module (kg)	0.5