



IDU-CPE-DC

IDU-CPE-DC is an indoor DC/DC injector. It greatly reduces complexity of the deployment in the cases where DC source is available thus reducing both capital expenditures and total cost of ownership. It is designed for all CPE units (Smn and Lmn) and has integrated lighting protection. The source of DC power supply can be +48 V or even -48 V, hence installation of CPE units is possible where other DC or AC power sources are unavailable.

Key Features

- ▶ Compatible with all InfiNet products
- ▶ Indoors installations only
- ▶ Fast Ethernet pass-through
- ▶ Rapid and easy deployment

IDU-CPE-DC

Specifications



Parameter

Description

Compatible models

InfiLINK 2x2 and InfiMAN 2x2 series CPE ODU (Smn and Lmn)

Connectors and Interfaces

Switch HUB – Ethernet input
 RJ45 – Ethernet output (data+VDC, protected leg)
 VIN+ DC+ Input
 VIN– DC–Input
 FG – ground clamp

Supported Ethernet Modes

10/100 Mbps (Fast Ethernet pass-through)

DC Input

±36-72 V

DC Output

+48 V, 0.5 A

Power consumption

27 W

Ethernet Connectors Pinout

Ethernet INPUT:

Pin	Description
4	Not Connected
5	Not Connected
7	Not Connected
8	Not Connected

Ethernet Output:

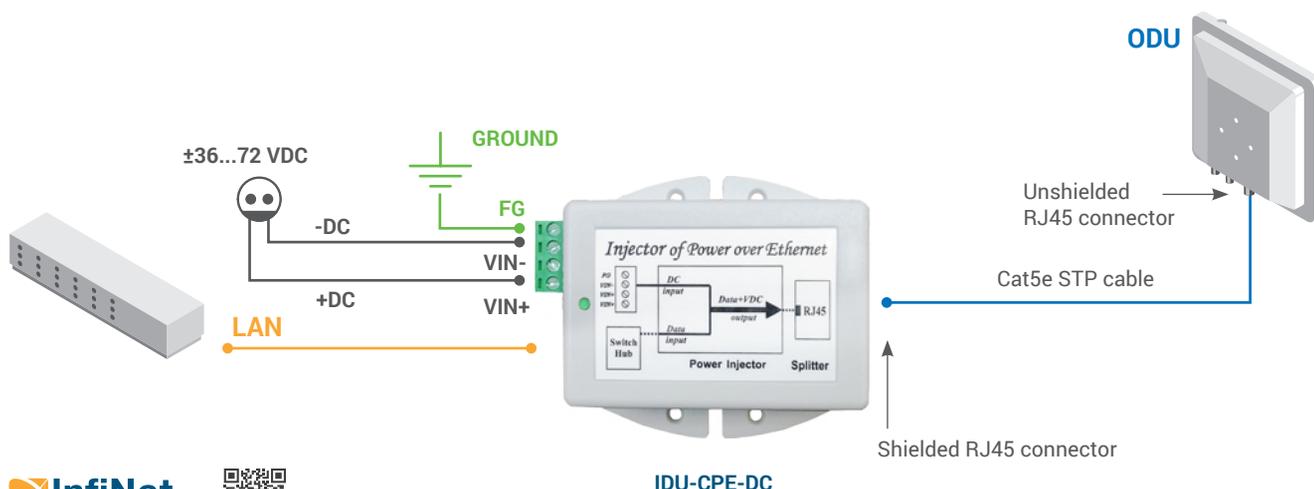
Pin	Description
4	+VDC
5	+VDC
7	-VDC
8	-VDC

Compliance

- IEC 61000-4-2 (ESD) 15kV (air), 8kV (contact)
- IEC 61000-4-4 (EFT) 40A (tp = 5/50ns)
- IEC 61000-4-5 (Lightning), 20A (tp = 8/20us)
- UL1950, CSA 22.2 & TUV EN60950
- FCC Class B, EN55022 Class B, EN60945, EN50155

Size and Weight

85x57x36 mm, 0.15 kg



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