

_Indoor DC/DC injector with integrated lightning protection IDU-CPE-DC

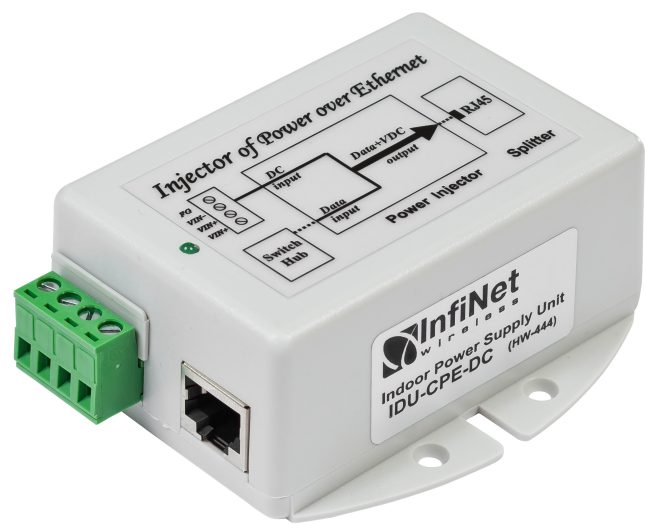


Figure - IDU-CPE-DC top view

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 desinged for all CPE units (Smn and Lmn) and has integrated lightning 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.

Parameter	Description
Compatible models	R5000-Smn and R5000-Lmn
Connectors and Interfaces	<ul style="list-style-type: none">"Switch HUB" - Ethernet input (Data only)"RJ45" - Ethernet output (Data+VDC), protected leg"VIN+" - DC+ Input"VIN-" - DC- Input"FG" - ground clamp
Supported Ethernet Modes	<ul style="list-style-type: none">10/100 Mbps (Fast Ethernet pass-through)
Input voltage	<ul style="list-style-type: none">±36 ... 72 V
Output voltage	<ul style="list-style-type: none">+48 V, 0.5 A
Power consumption	<ul style="list-style-type: none">24 W
Ethernet Connectors Pinout	<ul style="list-style-type: none">"Switch HUB": 4, 5, 7, 8 - not connected"RJ45": 4, 5 (+VDC) and 7, 8 (-VDC)

Lightning	<ul style="list-style-type: none"> • 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)
EMC	FCC Class B , EN55022 Class B, EN60945, EN50155
Safety	UL1950, CSA 22.2 & TUV EN60950
Size and Weight	85x57x36 mm, 0.15 kg

Table - IDU-CPE-DC Specification

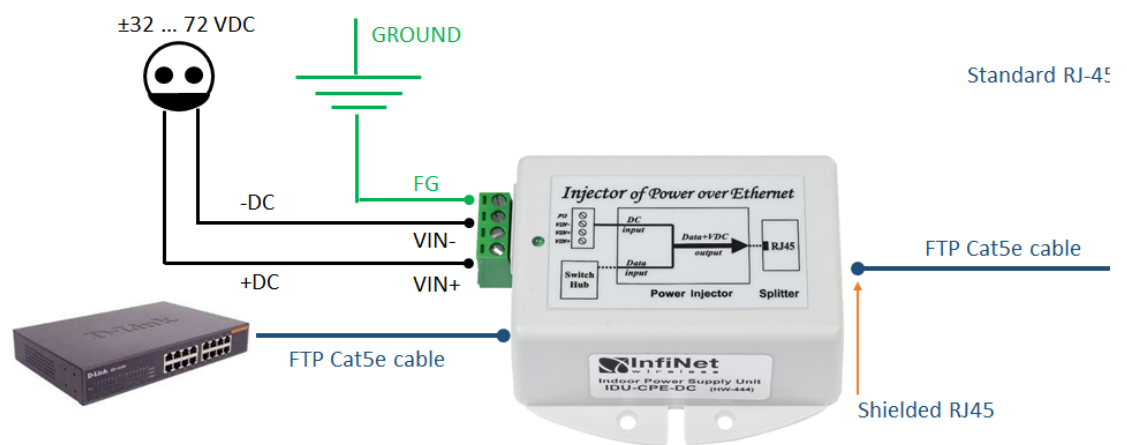


Figure - Connection scheme