

# \_Indoor DC/DC injector with integrated lightning protection IDU-LA-G(V.01)


IDU-LA-G(V.01) 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.

IDU-LA-G(V.01) may be used for the following purposes:

- To serve as a line protection unit for indoor network equipment connected to the second Ethernet port on ODU.
- To connect third-party DC power sources to ODU (for example, to power the unit from solar power or wind power sources).

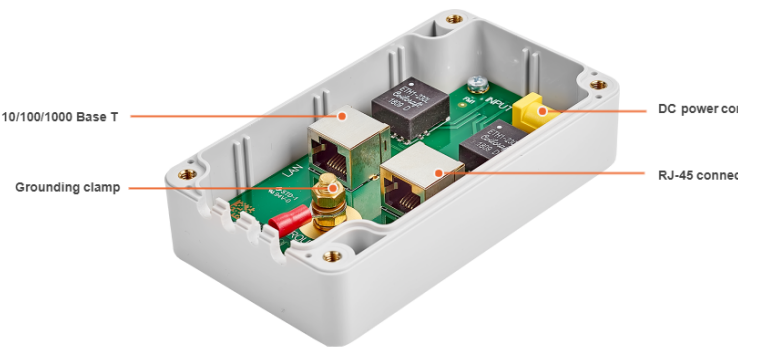
### Technical parameters

Parameter	Description
Compatible models	InfiLINK XG, InfiLINK XG 1000, InfiLINK 2x2, InfiMAN 2x2, Quanta 5, Quanta 6, Quanta 70, InfiLINK Evolution, InfiMAN Evolution
Output Voltage	The same as input
Supported Ethernet Modes	10/100/1000 Mbps (Gigabit Ethernet pass-through)
Pin assignment and polarity	1/2 (+), 3/6 (-), 4/5 (+), 7/8 (-)
DC Range	Acceptable input DC range depends on the specific ODU model: <ul style="list-style-type: none"><li>• InfiLINK XG, InfiLINK XG 1000, InfiLINK 2x2 PRO, InfiMAN 2x2 BS, Quanta 70, Quanta 5, Quanta 6, InfiLINK Evolution, InfiMAN Evolution models: ±43... ±56 VDC</li><li>• InfiLINK 2x2 Lite, InfiMAN 2x2 STE models: +9... +56 VDC (positive voltage only)</li></ul>
Size and Weight	115×65×40 mm, 0.15 kg
Operating temperature range	from 0°C to +40°C

 CAUTION

Exposing unit to the unsupported voltage will result in irreparable damage to the unit! Always observe power requirements!

### Connectors description



### Mounting holes sizes

Title



#### IDU-LA-G(V.01) Packing List



#### Cable assembly

