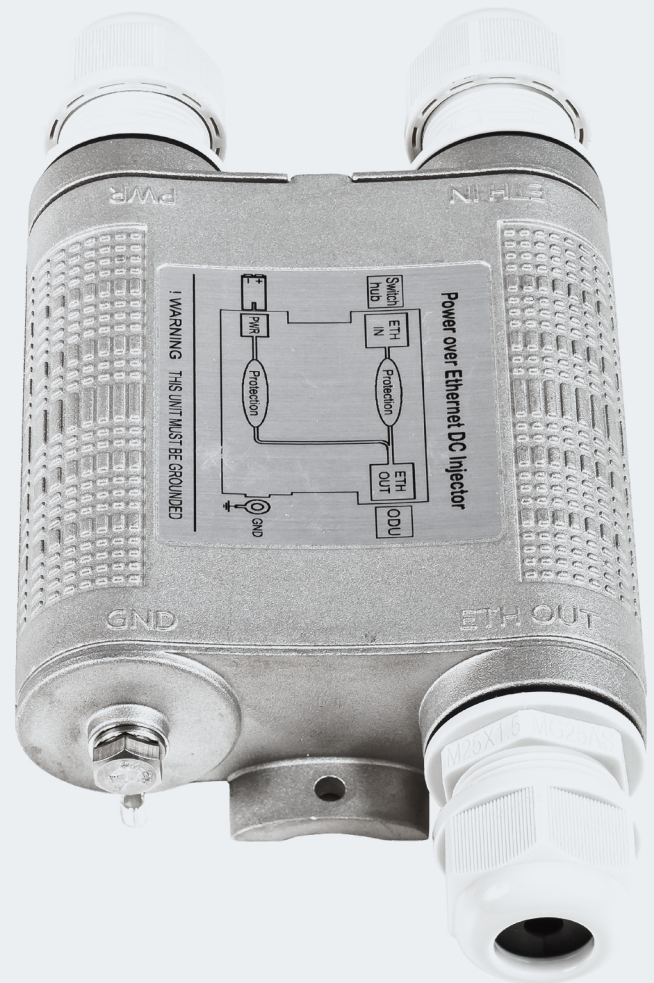








# AUX-ODU-INJ-G



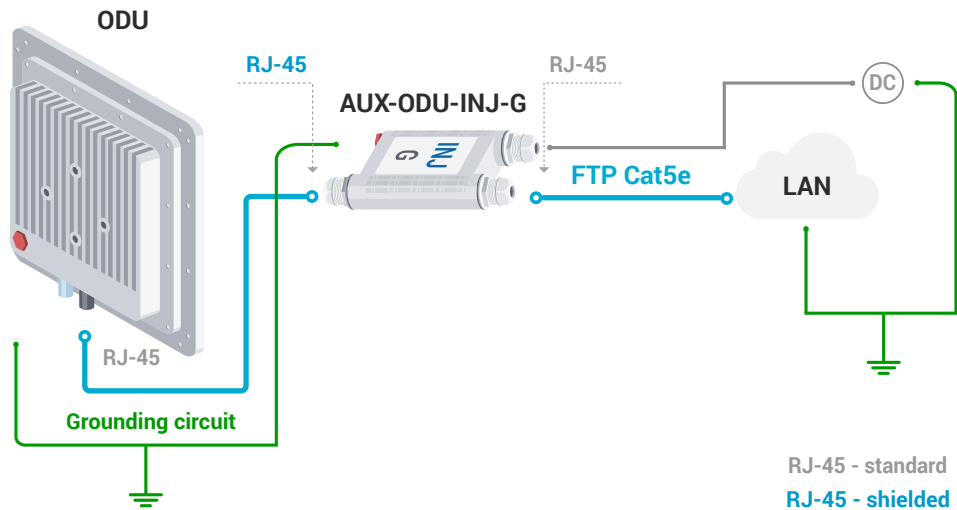
**AUX-ODU-INJ-G** is an outdoor DC injector with built-in lightning protection. It greatly reduces complexity of the deployment in the cases where DC source is available on the rooftop eliminating the need of weather-sealed cabinets and thus reducing both capital expenditures and total cost of ownership. Its built-in lightning protection meets highest industry standards mitigating sudden power surges and serving as a first-line protection to the outdoor unit or the network switch/router connected to the device.



## Key Features

-  Compatible with all Infinet products
-  Water and dust protection: IP66/IP67
-  Gigabit Ethernet pass-through
-  Lightning protection: GR-1089
-  Designed to protect external or internal units from abrupt voltage surges
-  Extended temperature range: from -55°C to +60°C

## Recommended Installation Layout



## Specification

Parameter	Description																																								
Compatible models	InfiLINK XG, InfiLINK XG 1000, InfiLINK 2x2, InfiMAN 2x2, Quanta 70, Quanta 5, Quanta 6, InfiLINK Evolution, InfiMAN Evolution																																								
Connectors and Interfaces	ETH IN – Ethernet input ETH OUT – Ethernet output (data+VDC, protected leg) PWR – DC Input GND – Ground clamp																																								
Supported Ethernet Modes	10/100/1000 Mbps (Gigabit Ethernet pass-through)																																								
Water and Dust Protection	IP66 and IP67																																								
DC Range	Acceptable input DC range depends on the specific ODU model: <ul style="list-style-type: none"> <li>Xm, Um, Mmx, Mmxb, Omx, Omxb, Qmxb, Q5, Q6, Q70, E5, E6: ±43... ±56 VDC</li> <li>Smb, Smn, Lmn models: +9... +56 VDC (positive voltage only)</li> </ul>																																								
ETH IN and ETH OUT pinout	<table border="1"> <thead> <tr> <th>ETH IN</th> <th>Pin</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> </tr> </thead> <tbody> <tr> <td>Data pair</td> <td></td> <td>A+</td> <td>A-</td> <td>B+</td> <td>C-</td> <td>C+</td> <td>B-</td> <td>D+</td> <td>D-</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>ETH OUT</th> <th>Pin</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> </tr> </thead> <tbody> <tr> <td>Data pair</td> <td></td> <td>A+</td> <td>A-</td> <td>B+</td> <td>+VDC C-</td> <td>+VDC C+</td> <td>B-</td> <td>-VDC D+</td> <td>-VDC D-</td> </tr> </tbody> </table>	ETH IN	Pin	1	2	3	4	5	6	7	8	Data pair		A+	A-	B+	C-	C+	B-	D+	D-	ETH OUT	Pin	1	2	3	4	5	6	7	8	Data pair		A+	A-	B+	+VDC C-	+VDC C+	B-	-VDC D+	-VDC D-
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Compliance	<ul style="list-style-type: none"> <li>GR-1089</li> <li>IEC 61000-4-2 (ESD) 15kV (air), 8kV (contact)</li> <li>IEC 61000-4-4 (EFT) 40A (tp = 5/50ns)</li> <li>IEC 61000-4-5 (Lightning) L5, 95A (tp = 8/20us)</li> <li>ETSI ETS 300 386</li> </ul>																																								
Size and Weight	34x94x121 mm, 0.28 kg																																								
Operating temperature range	from -55°C to +60°C																																								