

_Outdoor DC/DC injector with lightning protection AUX-ODU-INJ-G



Figure - AUX-ODU-INJ-G

Optional indoor/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. AUX-ODU-INJ-G is compatible with all Infinet Wireless devices.

Parameter	Description
Size and Weight	34x94x121 mm, 0.28 kg
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
Operating temperature range	• -55 °C ... +60 °C
DC Range	• InfiLINK XG, InfiLINK XG 1000, InfiLINK 2x2 PRO, InfiMAN 2x2 BS, Quanta 70, Quanta 5, Quanta 6, InfiLINK Evolution, InfiMAN Evolution: ±43...±56 VDC • InfiLINK 2x2 Lite, InfiMAN 2x2 STE: +9... +56 VDC (positive voltage only)



CAUTION

Using inappropriate DC source will damage the ODU, which will be not covered by warranty

Ethernet Connectors Pin-out	ETH IN	Pin	1	2	3	4	5	6	7	8
		Description	Data pair A+	Data pair A-	Data pair B+	Data pair C-	Data pair C+	Data pair B-	Data pair D+	Data pair D-
	ETH OUT	Pin	1	2	3	4	5	6	7	8
		Description	Data pair A+	Data pair A-	Data pair B+	+VDC + Data pair C-	+VDC + Data pair C+	Data pair B-	-VDC + Data pair D+	-VDC + Data pair D-

Lightning Protection	In compliance with: - GR-1089 - IEC 61000-4-2 (ESD) 15kV (air), 8kV (contact) - IEC 61000-4-4 (EFT) 40A (tp = 5/50ns) - IEC 61000-4-5 (Lightning) L5, 95A (tp = 8/20us) - ETSI ETS 300 386
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Table - AUX-ODU-INJ-G Specifications

Packing List



Block



Cable glands



Clamps



RJ-45 connectors

AUX-ODU-INJ-G is supplied with a worm clamp TORRO 40-60/9 C7 W4 DIN 3017 - 2 pcs. The clamp is made of stainless steel A4, width 9 mm, allows the installation on a mast with a diameter of 35 to 60 mm. In case of mast diameter more than 60 mm, a similar clamps (up to a 230 mm diameter) with a width of up to 12-13 mm can be used.