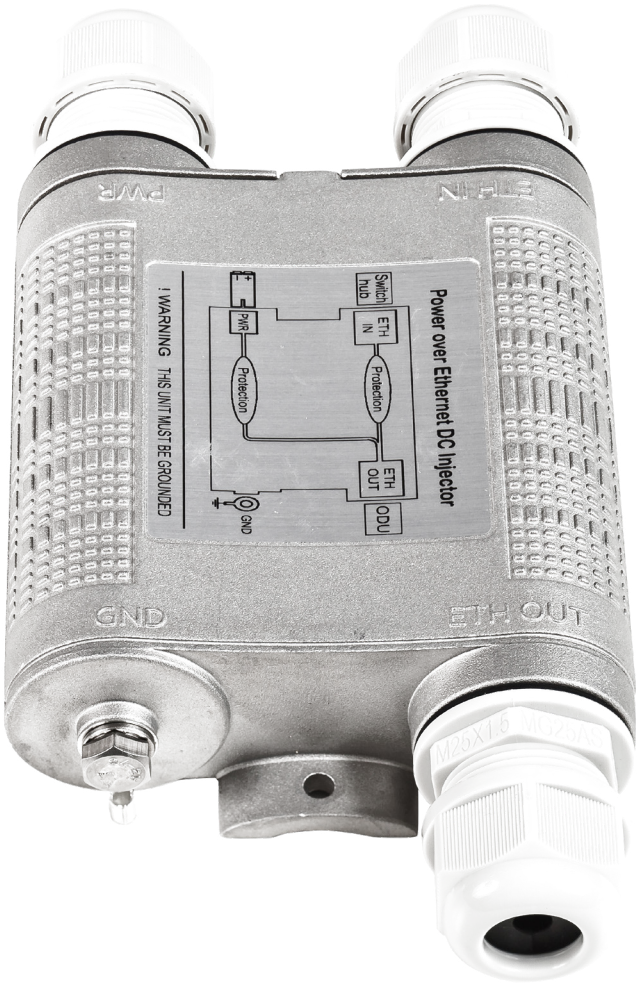
AUX-ODU-INJ-G

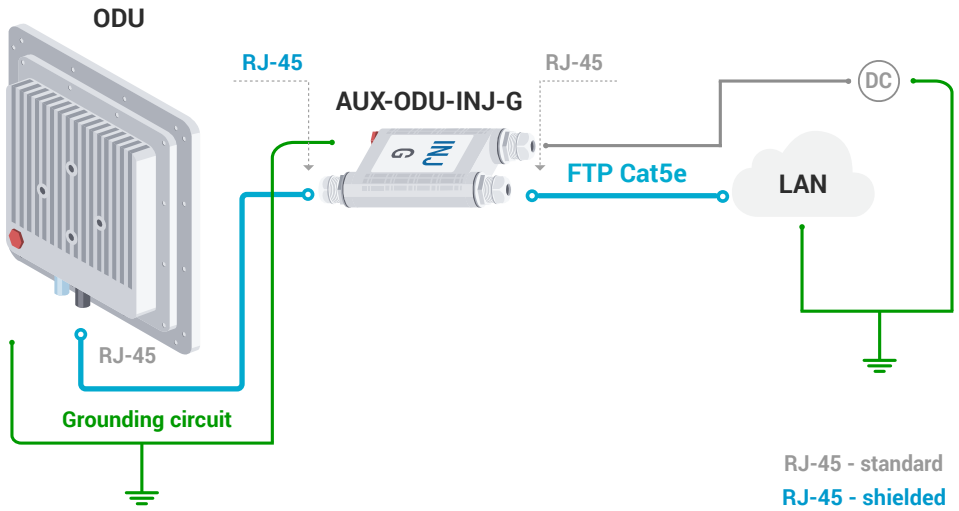
Astra Wireless

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



Specification

Parameter	Description								
Compatible models	Astra Quanta, Astra 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	±43... ±56								
ETH IN and ETH OUT pinout	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-
Compliance	• 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								
Size and Weight	34x94x121 mm, 0.28 kg								
Operating temperature range	from -55°C to +60°C								

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