Datasheet:

AX-IN-100W-DC-2PoE-O/D



May 2022
A1

Introduction

AX-IN-100W-DC-2PoE-O/D is an outdoor dual-port PoE Injector specially designed for ExtendMM™ applications for EtherHaul™ radios. This document provides the regional part numbers and the specifications the POE.

© Copyright Siklu Communication Ltd. All Rights Reserved.

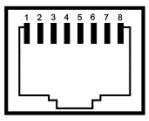
AX-IN-100W-DC-2PoE-O/D Interfaces:



1. Power: DC power input port
2. PoE1: Data+Power output port 1
3. PoE2: Data+Power output port 2

Configuration Diagram

The specifications for all models are listed in the following table:

SPECIFICATIONS			
Parameters		Nominal	Range / Max
Input	DC Voltage		44V to 57VDC
Output  + (1,2)(4,5)pins − (7,8)(3,6)pins	DC Voltage	-	42V to 55VDC
	Total Rated power	-	Max 100W
	Per POE port Rated power	-	Max 60W
	Data Speed	up to 10000Mbps	
Environment	Operating Temperature	-	-40°C TO 65°C
	Operating Humidity	-	20 to 85% RH. Non-condensing
	Storage Temperature	-	-40°C TO +85°C
	Storage Humidity	-	10 to 95% RH. Non-condensing
	Operating Altitude		5000 meters
	IP rated	IP67	

© Copyright 2022 Siklu Communication Ltd. All Rights Reserved

SPECIFICATIONS

Parameters		Nominal	Range / Max
EMI	FCC CFR47 Part 15, EN55032, EN55035	-	-
EMC	EN55032:2015/A11:2020 EN55035:2017/A11:2020 EN IEC 61000-3-2:2019 EN61000-3-3:2013/A1:2019	-	-
Dimension	Length Width Height	187mm/7.36in 107.8mm/4.24in 45mm/1.77in	
	Weight	565g/1.24lib	

© Copyright 2022 Siklu Communication Ltd. All Rights Reserved