

Datasheet:  
**AX-IN-10G-60W-AC-POE**



June 2021 (B1)

**Introduction**

AX-IN-10G-60W-AC-POE is an indoor POE injector for EtherHaul™, MultiHaul™ and MultiHaul™ TG radios. This document provides the regional part numbers, the compatibility rules for the injector with Siklu radios and the specifications the POE.

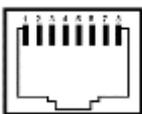
Five models of AX-IN-10G-60W-AC-POE are available, to match the specific AC outlets of the following regions or countries: European Union (EU), United Kingdom (UK), Israel (IL), Japan (JP) and United States of Americas (USA).

Model	Region	Plug	
AX-IN-10G-60W-AC-POE-EU	European Union (EU)	Type E	
AX-IN-10G-60W-AC-POE-UK	United Kingdom (UK)	Type G	
AX-IN-10G-60W-AC-POE-US	United States of Americas (USA)	Type B	
AX-IN-10G-60W-AC-POE-IL	Israel	Type H	
AX-IN-10G-60W-AC-POE-JP	Japan	Type B	

The compatibility rules for AX-IN-10G-60W-AC-POE with Siklu radios are available in the following table:

Radio models	No PoE-Out (PSE not active)	With PoE-Out (PSE active)
EtherHaul™ 614T/TX & 710T/TX	<b>AX-IN-10G-60W-AC-PoE</b>	<b>AX-IN-10G-60W-AC-PoE</b> (up to 36W total power to PDs). EH-95W-AC-PoE (up to 52W total power to PDs).
EtherHaul™ 1200T/TX, 1200F/FX & 2500F/FX	<b>AX-IN-10G-60W-AC-PoE</b>	<b>AX-IN-10G-60W-AC-PoE</b>
EtherHaul™ 8010FX	<b>AX-IN-10G-60W-AC-PoE</b>	N/A
MultiHaul™ B100 & T20x	AX-IN-10G-60W-AC-PoE can be used as replacement POE for MultiHaul™ radios.	
MultiHaul™ TG N366	<b>AX-IN-10G-60W-AC-PoE</b>	EH-95W-AC-PoE (up to 35W total power to PDs).
MultiHaul™ TG T265-CNN	<b>AX-IN-10G-60W-AC-PoE</b>	N/A
MultiHaul™ TG T265-CCP	<b>AX-IN-10G-60W-AC-PoE</b>	<b>AX-IN-10G-60W-AC-PoE</b> (up to 25W total power to PDs). Direct DC or EH-95W-AC-PoE (up to 55W total power to PDs).
MultiHaul™ TG T280-CCP	<b>AX-IN-10G-60W-AC-PoE</b>	<b>AX-IN-10G-60W-AC-PoE</b> (up to 35W total power to PDs). Direct DC or EH-95W-AC-PoE (up to 65W total power to PDs).

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

<b>SPECIFICATIONS</b> (all models)			
Parameters		Nominal	Range / Max
Output  + (1,2)(4,5)pins - (7,8)(3,6)pins	DC Voltage	55V	52.25V to 57.75V
	Rated current	-	Max 1.09A
	Rated power	-	Max 60W
Input	AC Voltage	100V to 240V	90V to 264V
	Frequency	50Hz or 60Hz	47Hz to 63Hz
	Efficiency	Energy Level VI	Quiescent power ≤0.21W (no load)
	AC Current	-	Max 1000mA
Environment	Operating Temperature	-	0°C TO 40°C

SPECIFICATIONS (all models)			
Parameters		Nominal	Range / Max
	Operating Humidity	-	35 to 95% RH. Non-condensing
	Storage Temperature	-	-40°C TO +70°C
	Storage Humidity	-	10 to 95% RH. Non-condensing
Safety	CB/IEC 60065, IEC62368-1 EN60065, EN62368-1, UL60950-1	-	-
EMC	CE/EN55013 & EN55022; EN55024, EN55020 FCC Part15 Subpart B, Class B; ANSI C63.4	-	-
Dimension	Length Width Height	138.5 mm 62.5 mm 35.3 mm	
	Power cord	1.5m	IEC 60320-1 type C6 to AC plug