



## Gigabit Ethernet PoE injector comparison chart

### I0ATPI24

### I0ATPI22

	I0ATPI24	I0ATPI22
Data rate	Up to 1000 Mb/s	
Differential protection for each twisted pair	Fast 3V suppressors	
Surge voltage protection from improper grounding	>300V	
Short circuit protection on output	YES Fuses on input and output+ PoE controller	
DC/DC mode	YES Default: $U_{IN}$ 20-60V, $U_{OUT}$ 54V. No Pass through mode available	YES Default: $U_{IN}$ 20-60V, $U_{OUT}$ 54V. Switchable to Pass through mode: $U_{IN} = U_{OUT}$
Max Output Current	1.2 A ( $U_{IN}$ 22...36V DC), 1.6 A ( $U_{IN}$ 36...60V DC)	
PoE controller	YES, LED1 Built in PoE controller complies with IEE802.af, IEE803.at and PoE++. Up to 90W. Classified mode - Green Controller can be switched to unclassified mode - Blue	YES Built in PoE controller complies with IEE802.af, IEE803.at and PoE++. Up to 90W. Controller can be switched off using hardware jumper.
Power indication	YES, LED2 $U_{IN} = 20-60V$ , $U_{OUT} = 54V$ - Green Short on output - Red	YES, Power LED $U_{IN} = 20-60V$ , $U_{OUT} = 54V$ - Red $U_{IN} = U_{OUT}$ - Green
Alarm indication	YES, LED3 If load is present (radio is on) - Green If open circuit on output (radio is off) - Red	YES If power consumption too low (radio is off), power LED is blinking
Unclassified mode options	Manual mode: four current limits: 0.75, 1.0, 1.25 and 1.7A Forced mode: max current 1.8A (not recommended)	Forced mode only, if PoE controller is switched off. Max current 1.6A
Transformer	PoE LAN transformer is used. $I_{max}$ up to 1.5A	
Compatibility	Integra, CFIP Lumina, FreeMile 5 GE CFIP-106 / CFIP-108	