



1. Injector-NF

DC Input PoE Injector

1. Input :

1.1. Input Voltage :

9Vdc to 36Vdc

1.2. Input Current :

1.85A at 12Vdc ; 0.90A at 24Vdc

2. Output :

Output Voltage & Current

OUTPUT	+48V
Max. load	0.35A
Power	17W
Min. Load	0.01A
Load reg.	5%
Line reg. %	1%
Ripple %	1%
Noise %	1%

Note : Noise bandwidth is from DC to 20Mhz. Ripple & Noise is measured by Paralleling a 0.1uF metalize capacitor on the test point.

3. Efficiency : min at Full Load ,

12Vdc & 24Vdc Input Voltage.

4. Protection :

4.1. Short Circuit Protection

Output short ground (GND). The terminal will not damage the power supply and will Auto-Reset.

4.2. Over Current Limits

4.2.1. 120% to 160% @ 12Vdc input full load.





7. RJ-45 Connector & Pinout :

RJ-45 Output (Data & Power)			RJ-45 Input (Data Only)	
Pin	Symbol	Description	Symbol	Description
1	Rx+	Data Receive	Rx+	Data Receive
2	Rx-	Data Receive	Rx-	Data Receive
3	Tx+	Data Transmit	Tx+	Data Transmit
4	-Vdc	Feeding Power(+)	NC	No Connection
5	-Vdc	Feeding Power(+)	NC	No Connection
6	Tx-	Data Transmit	Tx-	Data Transmit
7	(-Vdc)_return+	Feeding Power(-)	NC	No Connection
8	(-Vdc)_return+	Feeding Power(-)	NC	No Connection

