



ER11/5 Power over Ethernet Transformer

Characteristics:

- Flyback transformer optimized for PoE Powered Device applications
- Input voltage range from 36 V to 57 V
- Supports switching frequencies between 200 and 500 kHz
- Operating temperature range: -40 °C to +125 °C
- Isolation rating of 1.5 kVAC for 1 minute
- Available in multiple output power and voltage options

Options:

- PoE PDs flyback design, 36–57V input
- 200–500kHz switching frequency
- -40°C to +125°C operating temp, 1.5kVAC/1min isolation
- Various output powers/voltages, for IP phones, WLAN APs, security cameras & access control

Common Applications:

- PoE-powered equipment
- IP telephony devices
- Wireless LAN access points
- Access control systems
- Surveillance cameras

Physical Propertie

Order Code	V _{IN}	V _{Out1} (V)	I _{Out1} (A)	V _{Out2} (V)	I _{Out2} (A)	V _{Out3} (V)	I _{Out3} (A)	L (μH)	n	V _T (V(AC))
INF-ER11/5-400μH	36 - 57 V (DC)	3.3	0.4	3.3	0.4	3.3	0.4	400	1:3:3:3:3:1	1500
INF-ER11/5-400μH	36 - 57 V (DC)	5	0.27	5	0.27	5	0.27	400	7.2:1:1:1:1.8	1500

Technical Specifications

