

Technical Specifications

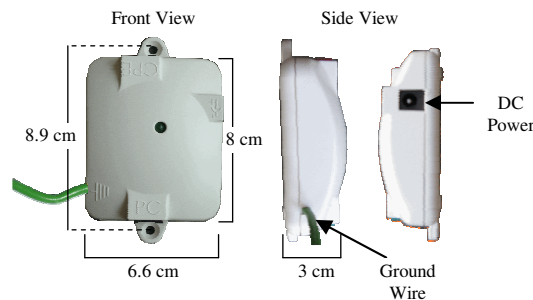
POE Injector with Built-in Surge Protection

Tranzeo's TR-SUR-001 Passive Power-Over-Ethernet (POE) Injector features built-in surge protection and ground wire, and can withstand extreme operating temperature. It is also capable of handling up to 2200V transient discharges, and can support wide operating input voltage.



Input Voltage	12 – 36 VDC ⁽¹⁾
Max Input Current	2A @ 24 VDC 50W maximum
Surge protection	IEC 61000-4-5 2.25 kV to the Ethernet ports 1.5 kV to the DC input
Environmental Rating	IP30
Operating Temperature	-65 °C to +65 °C

Dimensions



DC Power Connector

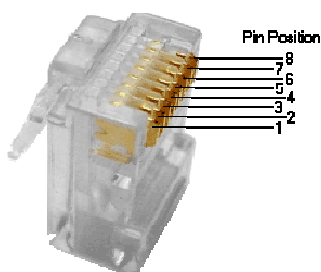


Male Barrel Jack
2.1mm (ID), 5mm (OD), 10mm (LENGTH)

Max Cable Length

300ft Cat5e

Standard RJ45 Ethernet Jack



Pin	Pair	Color
1	2	White/Orange stripe
2	2	Orange
3	3	White/Green Stripe
4	1	Blue
5	1	White/Blue Stripe
6	3	Green
7	4	White/Brown Stripe
8	4	Brown

Key Features

- Built-in Surge Protection
- Built-in Ground Wire for Full Protection and Simple Installation
- Extreme Temperature Capability
- Wide Operating Voltage Range
- Supports up to 300-ft Cat5e Cable
- Small Form Factor with Built-in Mounting Tabs
- Power LED Indicator

About Tranzeo™

Tranzeo Wireless Technologies Inc. (TSX:TZT) leads the wireless broadband industry for value, by producing high-performance wireless network equipment with a low cost of ownership and unparalleled service allowing communities and businesses to communicate without boundaries. Since the company's inception in 2000, Tranzeo's optimum cost effectiveness, premium quality and responsive support have attracted a growing number of devoted dealers and distributors worldwide.