



Power-Over-Ethernet (POE)

C2MJ8-505-RJ



Designed to protect Power-Over-Ethernet (POE) (Mode B) network devices installed outdoor. The C2MJ8-505-RJ is designed to handle transmission speeds up to 100 BaseT. All eight pins are protected by a carefully designed circuit that isolates data from ethernet power lines. The ultra-sharp clamping response permanently eliminates transients from your outdoor POE applications.

Applications

- Wireless Access Points
- IP Telephony Sets
- IP Cameras
- Switches
- Midspan PSE

Outdoor POE Surge Protection

- Power and Signal line protection
- Data clamp voltage 7.5Vdc
- Power clamp voltages of 60V DC
- Bi-directional clamping
- High-energy, high-speed capabilities
- All 8-pins protected
- UL497B

Specifications

Citel Model Number	C2MJ8-505-RJ
Data Clamp Voltage: (Pins 1, 2, 3, 6)	7.5 VDC
Power Clamp Voltage (Pins 4,5,7,8)	60 VDC
Peak Pulse Current:: (10/1000µs)	Pins 1, 2, 3, 6 = 132 amps Pins 4, 5, 7, 8 = 50 amps
Response Time:	<5 nanoseconds
Maximum Shunt Capacitance:	< 25 pf
Protection Mode: Common+Differential	L-G, L-L
Connector	RJ45
Temp. Range	-40°C to +55°C
Surge Rating	1,500W

*All specifications are subject to change without notice.

Inside Dimensions: H 3.8" x W 3.0" x D 2.20"

Outside Dimensions: H 5.5" x W 3.6" x D 2.45"