

## Gigabit Fast Ethernet inline Protector

### Features

- All 8 lines protected
- Each pair supports 250Mbps/s
- Negligible insertion loss

Protects fast gigabit ethernet LAN equipment such as hubs, switches and network interface cards from induced lightning and electrostatic discharge.

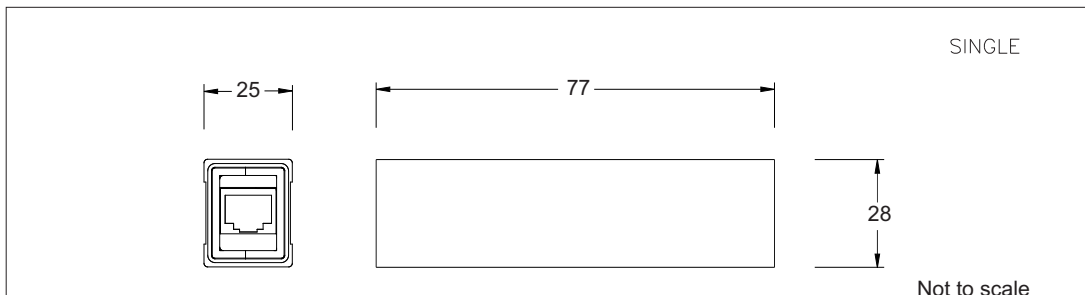
The device is designed for indoor or outdoor use inside a weatherproof enclosure.

Compatible to 100Base-T and 1000Base-T



Specification		
Network		
Clamping Voltage - Data Lines	<5V	
Maximum discharge current - coarse protection	2kA (8/20)	
Maximum discharge current - fine protection	40A (8/20)	
Pairs protected	1-2, 3-6, 4-5, 7-8	
Standards compliance	IEEE 802.3u	IEEE 802.3ab/af
Test frequencies in MHz	100	250
NEXT (Limits as per IEC 802.3)	<39.9	<33.1
Return Loss (Limits as per IEC 802.3)	<10.2	<8.0
Attenuation (Limits as per IEC 802.3)	<20.8	<33.8
Data rate	1000Mbps/s (250Mbps/s per pair)	
Bandwith (3dB) per pair	>350MHz	

### Dimensions



#### Designed and Manufactured by:

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