

THE DATALINE SERIES

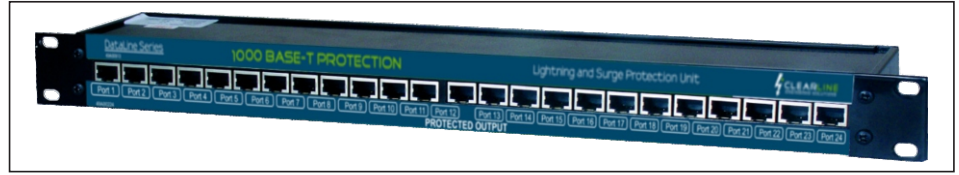
GIGABIT FAST ETHERNET 24 PORT PROTECTOR

12-00383

rev 0

Features

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



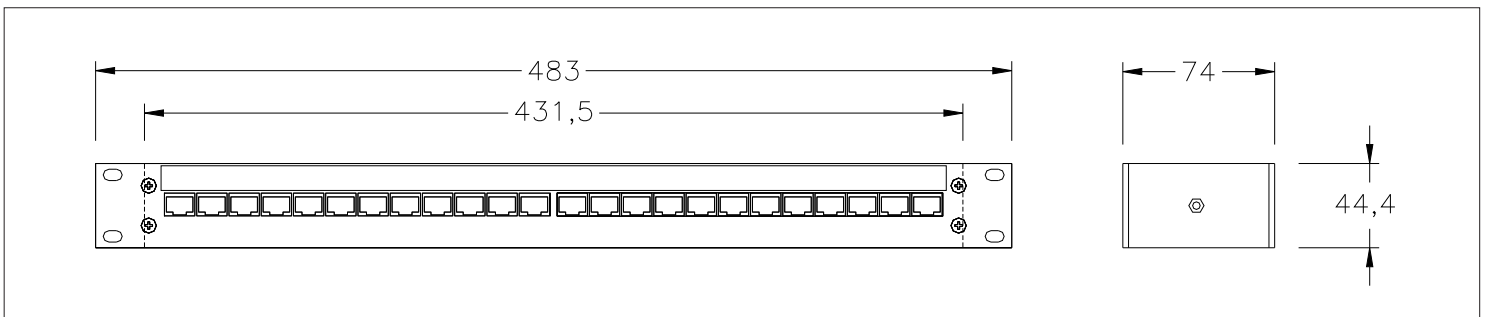
Protects fast gigabit ethernet LAN equipment such as hubs, switches and network interface cards from induced lightning and electrostatic discharge.

Compatible to 100Base-T and 1000Base-T

Category 5e patch leads included.

Specifications		
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, 5-4, 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		>250 Mbits/s
Bandwidth (3 dB) per pair		>350MHz

Dimensions



Designed and Manufactured by:

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