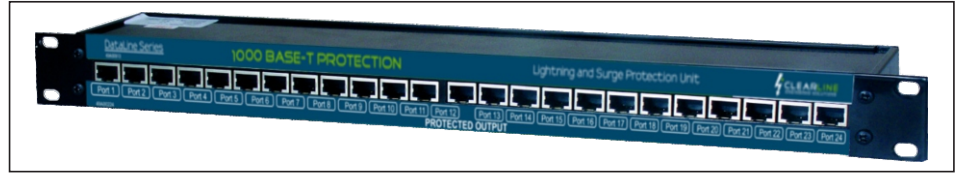# THE DATALINE SERIES

GIGABIT FAST ETHERNET 24 PORT PROTECTOR

12-00383

rev 0

Features

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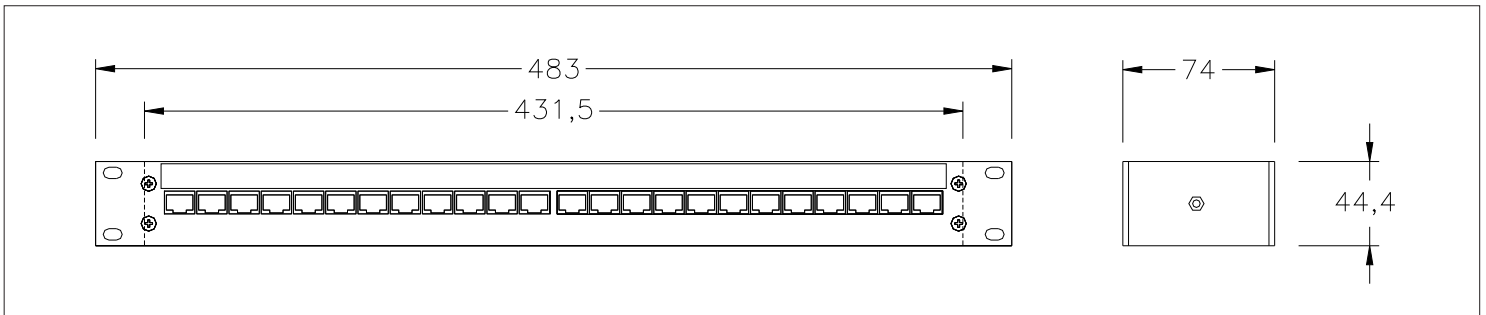- Negligible insertion loss

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

CLEARLINE
THE ELECTRONIC PROTECTION COMPANY