

# THE DATALINE SERIES

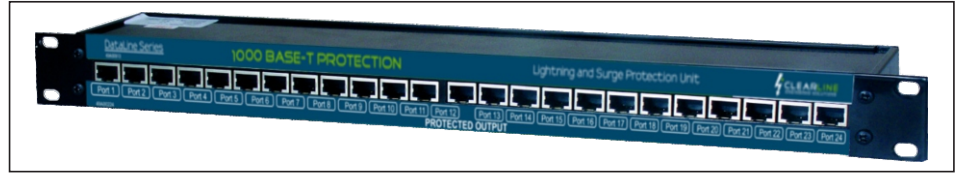
## GIGABIT FAST ETHERNET 24 PORT PROTECTOR

12-00383

rev 0

### Features

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



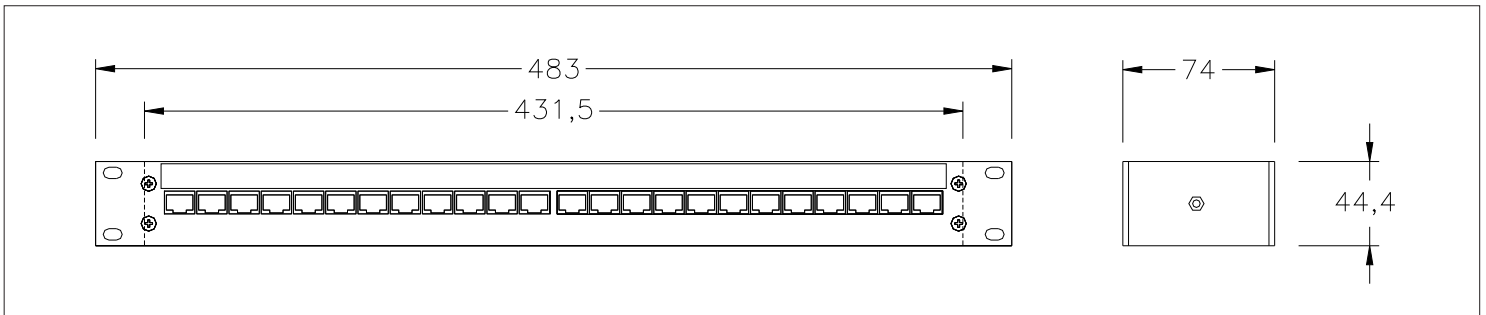
Protects fast gigabit ethernet LAN equipment such as hubs, switches and network interface cards from induced lightning and electrostatic discharge.

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:

Clearline Protection Systems (Pty) Ltd

Roan Crescent Corporate Park North, Old Pta Road, Midrand, South Africa

P.O. Box 5985, Halfway House, 1685

Tel: +27 (0) 11 848-1100

Fax: +27 (0) 11 314-3880

E-mail: [info@clearline.co.za](mailto:info@clearline.co.za)

[www.clearline.co.za](http://www.clearline.co.za)

