

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



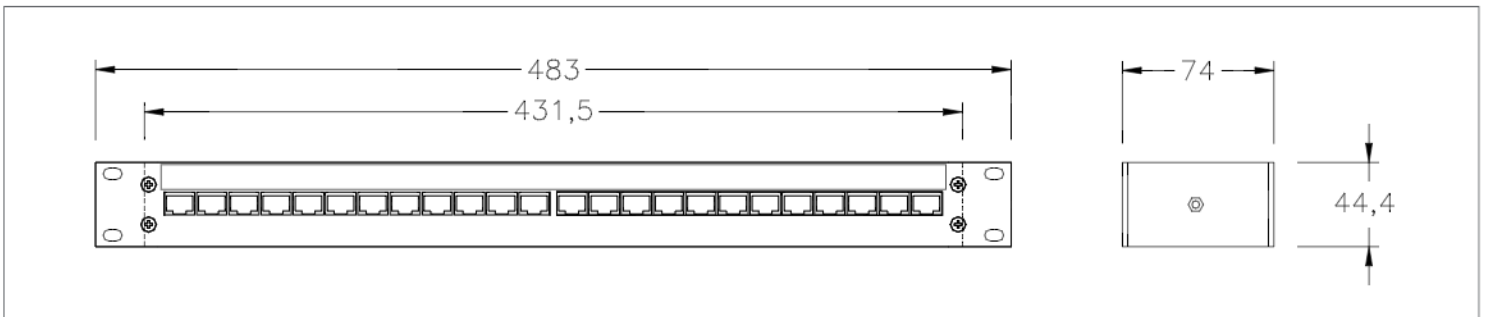
Protects fast gigabit ethernet LAN equipment such as hubs, switches and network interface cards from induced lightning and electrostatic discharge.

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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