

THE DATALINE SERIES

12-00371

100 Base-T Power over Ethernet

Features

- All 8 lines protected
- Each pair supports 155Mbits/s
- Very low insertion loss



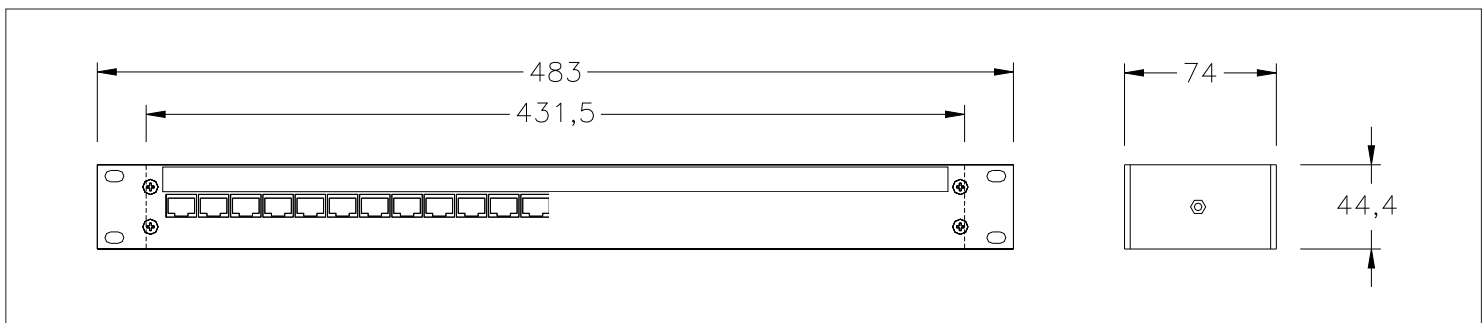
Protects fast ethernet LAN equipment such as hubs, switches and network interface cards from induced lightning and electrostatic discharge.

Supports the compliment of 100Base-T configurations:
100Base-Tx, 100Base-T4 and 100Base-VG.
Backwards compatible to 10Base-T

EIA/TIA 568B Category 5 patch leads included.

Specifications			
Clamping voltage	<70V (1.2/50)		
Maximum discharge current - coarse protection	4.5kA (8/20)		
Maximum discharge current - fine protection	300A (8/20)		
Pairs protected	1-2, 3-6, 4-5, 7-8		
Standards compliance	Fast ethernet 802.3u; IEC 11801 and IEEE 802.3		
Test frequencies in Mhz	20	62.5	100
Insertion loss in dB (with RJ45 sockets)	< 0.10	< 0.10	< 0.30
Next (Limits as per IEC 11801)	>43 (35)	>32.4 (27)	>33.6 (24)
Return loss (Limits as per IEC 11801)	>27.8 (15)	>31.4 (10)	22.8 (10)
Data rate	>200 Mbits/s		
Bandwidth (3 dB) per pair	>350MHz		

Dimensions



Designed and Manufactured by:

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