

Ethernet RJ45 EMP Surge Protector

Features

Four twisted pair of Lines
Excellent lightning and EMP protection
Protects against over voltages produced by
NEMP / HEMP, lightning or other transients
Multi-stage protection
Over Voltage and Over Current Protection
Isolated input and output
360 deg Shielded Connectors
Feed-through type Installation
HEMP Protection according to
MIL-STD-188-125
Light Weight
I/P and O/P are isolated by a magnetic circuit

Technical Specification

Operating Voltage: ± 3 VDC peak signal
voltage between Wire Pairs
Max Operating Voltage: ± 55 VDC peak signal
voltage between Wire Pairs
Data Rate: 10/100/1000 Mbps
Rated Current: 250 mA
Output Connection: RJ45 Female circular
connector
Input Connection: RJ45 Female circular
connector
HEMP Protection: MIL-188-125-1 & 2 (E1 &
E2 Pulse)
Max. surge current I_{Max} : 20 kA
DC Resistance: Open Circuit
Temperature Range : -25 °C to 85 °C
Earth Leakage Current : 1 mA max
(Also available in low leakage Current)



Application

HEMP Protection
EMP Protection of Chambers, shelters and
vehicles
NEMP Protection of Ethernet
IEMP Protection of Chambers, shelters and
vehicles
Lightning Protection of Ethernet Port
Surge Protection of Ethernet Port

Presentation

Aluminium

Mounting

Feed Through Mounting
Attached by Gasket and Washer

Termination

Output Connection: RJ45 Female circular
connector
Input Connection: RJ45 Female circular
connector

Weight

500 Grams

HOW TO ORDER

Part Number	Data Rate
EMIS - RJ- 1000	10/100/1000
EMIS - RJ- 100	10/100
EMIS - RJ- 10	10

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