

8 Port Ethernet Isolation Interface

Provides eight (8) galvanically isolated 1 Gbps ethernet ports to protect sensitive downstream equipment against electrostatic discharge events (ESD) and upstream faults with at least 16 kV isolation.



PRODUCT FEATURES

- Eight (8) Isolated CAT6 1 GigE ethernet channels, IEEE 802.3/802.3ab
- 19" rack mountable enclosure
- Lightweight aluminum enclosure
- Laser etched silkscreened permanent clear coated labeling
- Passive design

BENEFITS

- Reduces leakage currents that might impair sensitive circuitry
- Passive circuitry does not require any software or a power supply
- Supports gigabit ethernet data rates
- Meets IEC 60601-1 isolation standards

SPECIFICATIONS

Electrical power

- Input: none, passive design

Protection

- Electrostatic discharge events: 16kV

Packaging

- 19" rack mount standard
- Lightweight aluminum alloy 5052-H32 enclosure
- Replaceable components reduce downtime

Connectors

- Input: CAT6 RJ45 ruggedized series III
- Output: CAT6 RJ45 ruggedized series III
- Channel count: 8

Environmental

- Operating temperature range: -10 to 85 °C
- Storage temperature range: -25 to 85 °C
- Humidity: 10-90%
- Altitude: 3000m
- Convection cooling (no fan)