

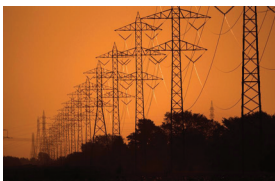
### Features 50-818 Ethernet Isolator

- Isolation using optical fiber
- Protects your network and equipment from power surges and anomalies, i.e lightning and power distribution
- Protection against sabotage
- Isolates and protects power surges up to 6 kV
- Gigabit Ethernet
- Tested by independent lab
- Isolated DC/DC power supply units
- Power over Ethernet (PoE) input

The new Fibersystem Ethernet Isolator is designed to provide protection for networks and network connected equipment in mission critical installations. Typical usage are in areas where high availability and preventing fire and other damages are essential, i.e. in industrial communication, power and energy distribution, substations, transportation, medicine.

Easy to install, DIN-rail mounting accessories for wall or 19" rack mount included.

#### Energy



#### Transportation



#### Industry

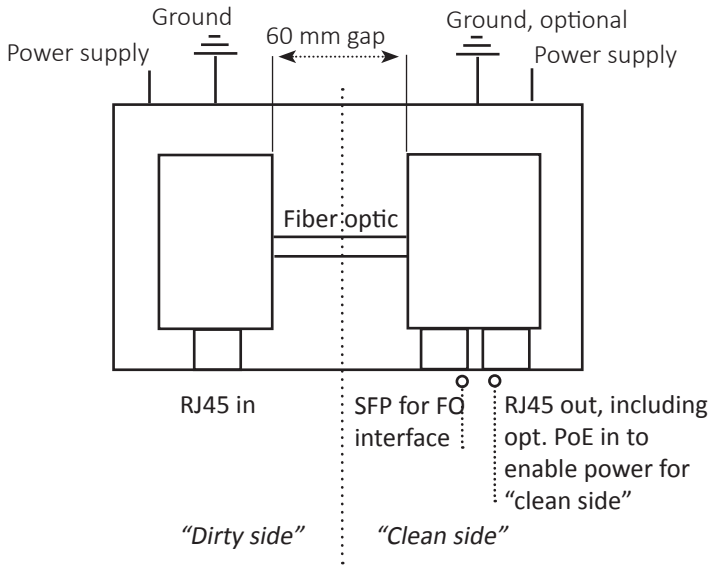


#### Medicine



**Fibersystem AB.** Based in Stockholm, Sweden, since 1982. An innovative developer of fiber optic transmission equipment and IT security products. Fibersystem's products are used in various industries and vertical markets globally, including infrastructure, utilities, health care, security, military and manufacturing.

## Schematic overview



### Power Supply

DC	18 - 72 VDC
Power over Ethernet (PoE)	12 W

### Galvanic/Electrical link (in)

Data speed	1 Gigabit
Protocol	Ethernet

### Galvanic/Electrical link (out)

Data speed	1 Gigabit
Protocol	Ethernet
Power over Ethernet (PoE)	IEEE 802.3af-2003

### Fiber optic links (SFP out)

Data speed	1 Gigabit, 1000 Base-SX SFP (850 nm)
Fiber optical connector	LC
Typical distance	220 m

### Environmental

Temperature range	Operating, -40 to +70 C. Storage, 0 to +70 C.
Relative humidity	Operating, 5 to 95 % . Storage, 5 to 95 % non condensing.

### CE

Compliance	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN55022
Safety	EN 60950

### Dimensions

Physical size	42 (H), 270 (W), 180 (D) mm
Weight	1 kg

## Ordering information

Model	Description
50-818	Ethernet Isolator