

ALLNET / ALL-LAN-ISO-4kV, Aislador Gigabit LAN/Bloqueador PoE 4kV

>>> [Go to the shop article](#)



EAN CODE



Highlights:

- Gigabit Ethernet (10/100/1000MBit/s)
- IEEE 802.3ab compliant
- 4kVrms Dielectric strength
- Galvanic isolation: Creepage distance: 12.8mm, Clearance distance: 12.2mm
- no restrictions on cable length
- ESD protection: suppression of transient overvoltages on the signal lines
- suitable for devices with a supply voltage up to 250 Vrms
- **Not suitable for use with PoE devices**
- Dimensions 80x58x24mm

Plug&Play - no installation required

Compact and universally applicable

No permanently mounted cables

Robust housing

Suitable for all systems with one network connection

requires no power supply

APPLICATIONS:



DEVICE PROTECTION

Protection of especially valuable devices against hum and surge voltages from the network periphery.

MEASUREMENT TECHNOLOGY

Protection of electrical measuring and monitoring equipment against external and interference voltages from the Ethernet cabling.

POTENTIAL DIFFERENCES (BUILDING SERVICES ENGINEERING)

Prevention of equipotential bonding currents in computer systems which are connected by an Ethernet cabling are galvanically connected to each other over longer distances.

AUDIO

Reduction of low-frequency alternating voltages (network hum), which are caused by the network connection to an imperceptible degree.

Technical Details:

Dielectric strength signal and shield	5000 V 50/60 Hz over 1 min; 10.000 VDC over 10 s
Data throughput	10/100/1000 MBit/s
Connections	2x J45 input/output
Network specifications	IEEE 803.2 from 10/100/1000-BaseT, twisted pair, auto-conf. (behaves completely transparent in the network)
Material	94V-0/RoHS compliant/SvHC/REACH
Product Rating (UL)	Passive, electronic components, insulation level DI (250 VAC/300 VDC) tested at 4 kVAC
Operating mode	Continuous operation
Operating time between failures	0,21x 10 ⁸ (1 failure in 21,000,000 h)
ESD	16 kV
DC Stress-Test (10 s)	10 kV
Return Loss	min. 10 dB
Insertion Loss	max. 1,3 dB
Dimensions (mm, LxWxH)	80 x 58 x 24, ca. 39 g
Standards	IEC 60601-1 1x MOPP up to 250Vrms (the built-in network transformer)
Environment	Operation and storage: -40...+70°C 10...75% rel. humidity non-condensing

[Click here to discover more items from this category in our shop.](#)