

Actassi Cable LAN F/FTP 4P Cat6_A Euroclass D 550MHz LSZH 500m

VDICD64X218

Main

| Range | Actassi | |
|---------------------------|---------------|--|
| Product or component type | Copper cable | |
| Cable packaging | Drum of 500 m | |
| Colour tint | Blue | |
| Cable shielding type | F/FTP | |

Complementary

| Type of cable | 4 pair cables | |
|--|--|--|
| Communication network category | 6A | |
| remote powering | PoE 15W (Power over Ethernet) PoE+ 30W (Power over Ethernet Plus) 4PPoE 100W (Power over Ethernet) | |
| Communication network type | 10GBASE-T | |
| Minimum return loss | Guaranteed: 20.1 dB at 100 MHz typical: 24.2 dB Guaranteed: 17.3 dB at 250 MHz typical: 22 dB Guaranteed: 17.3 dB at 500 MHz typical: 20.3 dB | |
| Attenuation | Guaranteed: 19.1 dB Typical: 17.5 dB @ 100 MHz Guaranteed: 31.1 dB Typical: 28.4 dB @ 250 MHz Guaranteed: 45.3 dB Typical: 41.4 dB @ 500 MHz | |
| Power sum near-end crosstalk [PSNEXT] | Guaranteed: 62.3 dB Typical: 71.0 dB at 100 MHz Guaranteed: 56.3 dB Typical: 64.2 dB at 250 MHz Guaranteed: 51.8 dB Typical: 59.1 dB at 500 MHz | |
| Attenuation to Crosstalk Ratio Far-end [ACRF] | Guaranteed: 38 dB Typical: 54.7 dB at 100 MHz Guaranteed: 30 dB Typical: 46.6 dB at 250 MHz Guaranteed: 24 dB Typical: 40.5 dB at 500 MHz | |
| Power sum attenuation crosstalk ratio far-end [PSACRF] | 35 dB at 100 MHz 27 dB at 250 MHz 21 dB at 500 MHz | |
| Near end crosstalk [NEXT] | Guaranteed: 65.3 dB Typical: 85.5 dB at 100 MHz Guaranteed: 59.3 dB Typical: 83.1 dB at 250 MHz Guaranteed: 54.8 dB Typical: 60.1 dB at 500 MHz | |
| Coupling attenuation | >= 55 dB from 30100 MHz conforming to IEC 61156-5, ed. 2 type II >= 55 - 20 x log10(f / 100) dB from 100500 MHz conforming to IEC 61156-5, ed. 2 type II | |
| Transfer impedance | <= 50 mOhm/m at 1 MHz (grade 2) <= 1000 mOhm/m at 100 MHz (grade 2) | |
| Input impedance | 100 Ohm | |
| Maximum loop resistance | 143.2 Ohm per 1000 m | |
| Segregation class | Class c conforming to EN 50174-2 | |
| Maximum resistance unbalance | 2 % | |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| Pulling force | 100 N | |
|------------------------------|---|--|
| Bending radius | Minimum bending radius during installation: 8 x overall diameter Minimum bending radius after installation: 4 x overall diameter | |
| Material | Solid bare copper: conductor PE (polyethylene): wire insulation Aluminium/polyester: foil Tinned copper: drain wire PE (polyethylene): sheath | |
| Euroclass level | Dca s2 d1 a1 | |
| Nominal velocity propagation | 80 % | |
| linear conductor resistance | 71.6 mΩ/m | |
| AWG gauge | AWG 23 | |
| Calorific value | 518 MJ/km | |
| Cable outer diameter | 7 mm | |
| Cable length | 500 m | |
| Cable weight | 48 kg / 1 km | |

Environment

| 050 °C | |
|---|--|
| -2060 °C | |
| -2060 °C | |
| 2006/95/EC - low voltage directive 305/2011/EU - construction product regulation | |
| LSZH | |
| ISO/IEC 11801-ed. 3 performance EN 50173-1 performance EN 50174-1 performance EN 50174-1 performance ANSI/TIA/EIA-568-C.2 performance IEC 61156-5-ed. 2.1 performance EN 50288-10-1 performance ISO/IEC 14763-2 installation standards EN 50174-2 installation standards IEC 60332-1 flame propagation characteristics IEC 60754-1 IEC 60754-2 acidity of combustion gases IEC 61034 smoke generation | |
| | |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|------------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 37.000 cm |
| Package 1 Width | 40.000 cm |
| Package 1 Length | 40.000 cm |
| Package 1 Weight | 26.000 kg |
| Unit Type of Package 2 | P12 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 89.000 cm |
| Package 2 Width | 80.000 cm |
| Package 2 Length | 120.000 cm |

Package 2 Weight

335.500 kg



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

| ☑ Environmental footprint | |
|----------------------------------|-------------------------------|
| Total lifecycle Carbon footprint | 6 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

| Materials and Substances | |
|--|--|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| REACh Regulation | REACh Declaration |

Use Again

| ○ Repack and remanufacture | |
|---------------------------------|--|
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |