



Hikvision DS-1LN5E-E/E

· Specification summary

Device class	U/UTP CAT5E 4P 25AWG PVC Cable
Cable construction	Cat5e, U/UTP four-pair 25AWG PVC cable as described in the manufacturer reference. Confirm the intended structured-cabling and termination requirements; this is cable, not a network switch or patch lead.
Conductor material	Solid-Bare Copper, 99.95%, as listed. No copper-clad-aluminium substitution is established by these documents.
Conductor diameter	0.450 ±0.005 mm as listed for conductor diameter. This is not the overall cable diameter.
Insulation material	HDPE as listed for the insulation material. Confirm insulation dimensions and connector fit for the supplied cable.
Sheath material	PVC as listed for the sheath. Confirm the applicable installation/fire requirements; this material name alone is not an outdoor, LSZH or local fire-approval claim.
Sheath outer diameter	4.7 ±0.4 mm as listed for outer sheath diameter. Confirm connector and pathway fit for the actual cable.
Rip-cord reference	Rip-cord: Yes, as listed. Confirm the supplied construction before termination.
Separator reference	Separator: No, as listed in this specification. This is separate from the drain-wire entry in the technical data sheet.
Drain-wire reference	Drain wire: No, as listed in the technical data sheet. This is not a claim about another shielding or category variant.
Pair-colour reference	White-Blue/Blue; White-Orange/Orange; White-Green/Green; White-Brown/Brown as labelled for the four pairs. These colours are not a connector pinout or permission to infer a termination scheme.
Impedance reference	At 1.0 to 100.0 MHz: 100 ±15 Ω, under the Electrical Characteristics (20 °C) heading. Confirm the actual link design and test requirements.
Delay-skew reference	At 1.0 to 100.0 MHz: ≤45 ns/100 m, under the Electrical Characteristics (20 °C) heading. This is a test reference, not a guaranteed installed link length.
Resistance-unbalance reference	DC conductor resistance unbalance: ≤5.0%, under Electrical Characteristics (20 °C). Resistance unbalance is different from absolute conductor resistance.
Ambient temperature	-20 °C to 70 °C as labelled for ambient temperature. Confirm the exact installation conditions; test-temperature claims are not continuous full-performance guarantees.

Specifications are summarised from the manufacturer's published information (checked 2026-10-18). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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