

DS-1LN6APSL4 Cat6A U/FTP&F/UTP LSZH Dca



- Stable electrical performance, compliant with ANSI/TIA-568.2-E.
- Supports Gigabit Ethernet (10GbaseT) standard , with bandwidth up to 500MHz.
- Solid-Bare Copper conductor with less resistance, and better electrical properties and transmission performance.
- Sheath with strong mechanical properties, and high tensile and compressive strength, reducing damage during the project.
- Excellent performance in the Fluke permanent link test (85m) and channel test (95m).
- Support PoE application.
- Compliant with RoHS 2.0, CPR Dca.

▪ Specification

Model		DS-1LN6APSL4
Category	Product Category	Cat.6A
Reference standard	Reference Standard	ANSI/TIA-568.2-E, RoHS 2.0
Fire resistance	Fire resistance	CPR Dca-s1a,d0,a1
Conductor	Conductor Material	Solid-Bare Copper (99.99%)
	Conductor Diameter	0.550±0.004mm 23AWG
Insulation	Insulation Material	HDPE
	Insulation Diameter	1.12±0.05mm
Shield	Shield	Aluminum foil and Drain wire
Rip-cord	Rip-cord	Yes
Jacket	Jacket Material	LSZH
	Jacket thickness	0.50±0.10mm
	Jacket Diameter	7.30±0.30 mm
Jacket physical properties	Tensile strength	Tensile strength ≥ 10.0 Mpa Elongation ≥ 125%
	Elongation	Tensile strength ≥ 8.0 Mpa Elongation ≥ 100%
	Cold bend	-20 ± 2°C × 4h, 8 × cable O.D, no visible cracks
General Specifications	Color	White
	Length	305 ± 1.5 m
	Separator	Yes
Electrical Characteristics	DC resistance	≤ 9.38 Ω/100 m
	DC conductor resistance unbalance	≤ 4.0%
	Operating voltage	57 V
Mechanical Specifications	Aging period	100°C × 24h × 7d
Environmental Specifications	Operating Temperature	-20°C to 75°C
Packaging and Weights	Package dimension	375 mm (L) × 322mm (W) × 375mm (H)

	Weight	18.7± 1.0kg
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