



**Environmental:**

1. Storage: -40 °C ~ 70°C
2. Operation : -10°C ~ 60°C

**Mechanical:**

1. IDC materials: PC UL94-V0
2. Terminal materials: Phosphor Bronze, Tinned plating
3. RJ45 Contact Life: 750 times Mix
4. Plug inforce : < 30N
5. Solid cable: 1/22AWG -1/24AWG
6. Stranded cable: 7/22AWG-7/226AWG
7. Cable O.D.:5.0mm-8.5mm
8. PoE per IEEE 802.3af, PoE+ per IEEE 802.3at
9. Unshielded Connection

**Fluke Test: Permanent Link ISO 11801 (PL) Class E  
VOKA-LAN 350Mhz AWG23/1 Cat6 unshielded Cable  
RoHS Compliant**

**Note:**

- Electrical:**
1. Contact Resistance: 200MQ Max
  2. Insulation Resistance: 500MQ Min 500V DC
  3. Withstand Voltage: DC 1000V AC 700V RMS 60Hz, 1 MIN

Tolerance		Unit	mm	LVR-CAT5E-UTP-LSA	
Scope	A B	SCALE	1:3		
0~3	±0.05	±0.1	MATERIAL		
>3~6	±0.05	±0.1	DATE	2025-9-9	
>6~30	±0.1	±0.2	REV	1.0	
>30~120	±0.15	±0.3	DESIGNER	Zhang**	
>120~400	±0.2	±0.5	AUDITOR	Chen**	
3rd Angle Projection	☉	CHECKER	Shen**	TITLE	
		APPROVER	Shen**	PART NO	
				REMARK	
				Product weight	