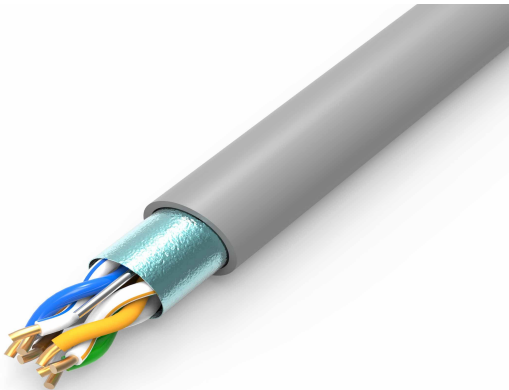


Linoya Category 5e Screened Twisted Pair (F/UTP) Cable

ETL, CPR Verified

Category 5e Compliant•TIA/EIA 568- C.2•EN50173
ISO/IEC 11801

RoHS



Construction

Conductor (导体)	Size (尺寸)	24AWG
	Material (材质)	Solid Bare Copper
	Nom. O.D (导体线径)	0.510 ± 0.008 mm
Insulation (绝缘)	Material (材质)	HDPE
	Nom. O.D (绝缘线径)	1.03 ± 0.1 mm
	Minimum Thickness (平均厚度)	0.26mm(REF)
	Color (颜色)	1P.White & Brown / Brown 2P.White & Blue / Blue 3P.White & Orange/ Orange 4P.White & Green / Green
Filler (填充)	Material (材质) construction (结构)	Rip-Cord 3*250D
Central Element (中心元件)	O.D (绞合外径)	/
Outside-Tape Wrap (内部包装)	Material (材质)	MYLAR
Drain Wire (地线)	Material (材质) Nom. O.D (导体线径)	1/0.404 ± 0.007 Tinned Solid Copper Conductor
Outside Tape Wrap (外部包装)	Material (材质)	AL-MYLAR
Braid Material (编织)	Material (材质)	/
	Nom. O.D (导体线径)	/
Jacket (外被)	Outer Sheath (外护套)	PVC/LSZH/
	Average Thickness (平均厚度)	0.60 ±0.05 mm
	Overall Diameter (线径)	6.20 ±0.35mm
	Color (颜色)	Optional
Sheath Printing (外被喷字)	Color (颜色) Marking (喷字)	Black or White



Features

- Category 5e Compliant • TIA/EIA 568-C.2 • EN50173 • ISO IEC 11801
- ETL, CPR Verified
- Length 100M/305M/500M
- Bare Copper
- PVC/LSZH/PE
- Carton Packaging/Wooden Reel
- Screened Construction Specified to 100Mhz

Physical Characters/Electric Characters

Physical Characters (物理性能)	Sheath Normal Temp Tensile Strength 老化前护套抗张强度(Mpa)	≥13.5
	Sheath Normal Temp Elongation 老化前护套伸长率(%)	≥150
	Insulation Normal Temp Tensile Strength 老化前绝缘抗张强度(Mpa)	≥16
	Insulation Normal Temp Elongation 老化前绝缘伸长率(%)	≥300
	Aging Condition 老化条件(°C×Hrs)	100°C±2°C, 24h, 7d
	Sheath After Aging Tensile Strength 老化后护套抗张强度(Mpa)	≥12.5
	Sheath After Aging Elongation 老化后护套伸长率(%)	≥125
	Temperature Rating 额定温度°C	-20°C — + 75°C
	Cold Bend(20±2°C×4小时) 冷弯	8×Cable O.D., No visible cracks



Transfer Characteristics

MHZ	RL ≥dB	ATT ≤dB	NEXT ≥dB	ACRF ≥dB	PS NEXT dB	PS ACRF dB	Delay ns
1.00	19.0	2.1	60.0	58.6	57.0	55.6	521
4.00	19.0	3.9	54.8	46.6	51.8	43.6	504
8.00	19.0	5.5	50.0	40.6	47.0	37.5	500
10.00	19.0	6.2	48.5	38.6	45.5	35.6	498
16.00	19.0	7.9	45.2	34.5	42.2	31.5	496
20.00	19.0	8.9	43.7	32.6	40.7	29.6	495
25.00	18.0	10.0	42.1	30.7	39.1	27.7	495
31.25	17.1	11.2	40.5	28.7	37.5	25.7	494
62.50	14.1	16.2	35.7	22.7	32.7	19.7	492
100.00	12.0	21.0	32.3	18.6	29.3	15.6	491

Typical Applications

- 1000BASE-T Gigabit Ethernet
- 100BASE-TX Fast Ethernet
- 622 Mbps ATM
- 155 Mbps ATM
- Composite Video

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CHECK		APPROVER		DESIGNER	LLL

