

estelan

Sleek Cat6A U/UTP Cable

**Application:**

- Horizontal Cabling, Backbone Cabling, Digital and Analog Audio and Video Signal Transfer
- IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T, 10Gbase-T
- IEEE 802.5 16 MB; ISDN; TPDDI; ATM
- Power over Ethernet (PoE / PoE+) / Type 1-4
- Enhanced Alien Crosstalk Performance

Standards:

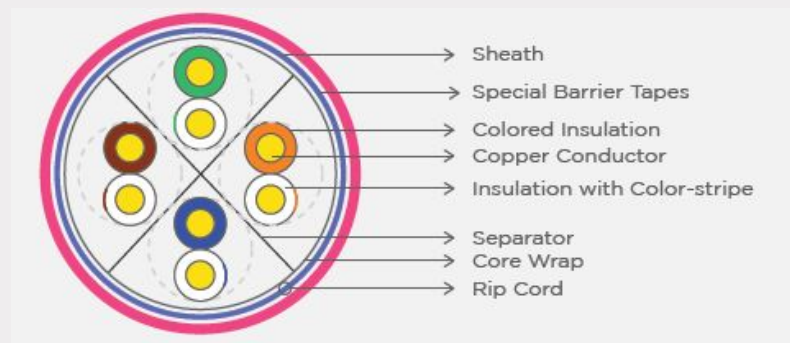
- ANSI / TIA-568.2-D
- ISO / IEC 11801
- EN 50173-1; EN 50288-10-1
- IEC 61156-5
- IEEE 802.3 af / at / bt

Flame Resistance:

- LSZH: EN 60332-1; EN 60754-1 & 2, EN 61034-2, Class CPR-Eca

Construction:

Conductor	ETP-grade copper Ø 23 AWG
Insulation	Polyolefin
Twisting	2 insulated conductors forming one pair
Cable Lay-up	4 twisted pairs / separator
Core Wrap-1 & Core Wrap-2	Polyester tape and special barrier tape
Sheath	LSZH
Nominal Cable Diameter	7.1 mm

**Mechanical Properties:**

Bending Radius : 8 X Cable Dia. (mm) at -20°C ± 1°C
 Pulling Force : 112 N

Temperature Range
 Operation : -20° to +75°C
 Installation : 0° to +50°C

Electrical Properties at 20°C:

Conductor Resistance	: < = 9.38 ohm/ 100m	Capacitance Unbalance	: 330pF / 100m
Mutual Capacitance	: < 5.6nF / 100m	Delay Skew	: < 45nS
Resistance Unbalance (Ind.)	: 5% Max	Impedance	: 100+/-15 ohm








Transmission Characteristics at 20°C:

Frequency (MHz)	IL (dB)	RL (dB)	NEXT (dB)	PS NEXT (dB)	ACR-F (dB)	PSACRF (dB)
	Max.	Min.	Min.	Min.	Min.	Min.
1	2.1	20.0	74.3	72.3	67.8	64.8
4	3.8	23.0	65.3	63.3	55.8	52.8
10	5.9	25.0	59.3	57.3	47.8	44.8
16	7.5	25.0	56.2	54.2	43.7	40.7
20	8.4	25.0	54.8	52.8	41.8	38.8
31.25	10.5	23.6	51.9	49.9	37.9	34.9
62.5	15	21.5	47.4	45.4	31.9	28.9
100	19.1	20.1	44.3	42.3	27.8	24.8
200	27.6	18.0	39.8	37.8	21.8	18.8
250	31.1	17.3	38.3	36.3	19.8	16.8
300	34.3	16.8	37.1	35.1	18.3	15.3
500	45.3	15.2	33.8	31.8	13.8	10.8

Color Code:

PAIR NO.	COLOR
1	White-Blue Stripe and Blue
2	White-Orange Stripe and Orange
3	White- Green Stripe and Green
4	White-Brown Stripe and Brown

Jacket Color (C1 C2):

 Grey (01)	 Blue (02)
 Red (03)	 White (04)
 Violet (05)	 Orange (06)
 Yellow (07)	

Packaging: Available in Reel of 305m(1000ft) (04) / Reel of 500 m(1640ft) (05)
(P1 P2) Length Tolerance +/-2 meter

Product Code / Part No:

Part No	Product Name	Euro Class	ETL Verified
32127-F-C1C2P1P2	Sleek Cat6A U/UTP LSZH Cable	CPR- Eca	on demand

26/032024



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