

Category 6 4/23 UTP Cable - Duplex LSZH

Part No.: SLITE- 2201-DX

CPI-S2

APPLICATION

STL/Cat6/U/UTP/2201-DX

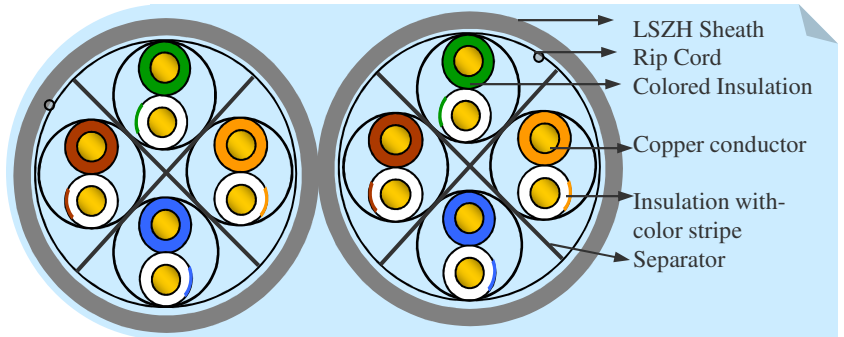
Issue/Rev : 01/01

Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 baseT) standard. Operates at bandwidth of 250MHz.

This cable well Meets the requirements of ANSI/TIA-568-C.2 and ISO/IEC 11801

CONSTRUCTION

- Conductor : 23 AWG Solid bare Copper
- Insulation : High Density Polyethylene
- Pairs : 2 Insulated conductors twisted together
- Separator : Polyolefin
- Sheath : LSZH



Cable Diameter : (6.3 x 13.6)+/- 0.3 mm

Printing : Each meter printed with ‘Customer Specific Information’ & sequential Length Counter

COLOUR CODE

PAIR NO	COLOUR
1-2	White-Orange Stripe and Orange
3-6	White-Green Stripe and Green
4-5	White-Blue Stripe and Blue
7-8	White-Brown Stripe and Brown

ELECTRICAL PROPERTIES

- Characteristic Impedance : $100 \pm 15 \Omega$
- Conductor Resistance : $\leq 9.38\Omega/100m$
- Mutual Capacitance : $< 5.6nF/100m$
- Resistance Unbalance : 5% Max
- Capacitance Unbalance : 330pF/100m
- Delay Skew : $< 45nS$

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CONTACT

Works: Survey No. 33/1/1, Wagdhara Road, Dadra Union Territory of Dadra & Nagar Haveli Silvassa-396230 INDIA

Website : www.sterlitetechnologies.com



TRANSMISSION CHARACTERISTICS PER 90M PERMANENT LINK

Frequency (MHz)	Insertion Loss Max.(dB)	NEXT (dB) Min.	RL (dB) Min.	PS NEXT (dB) Min.	ACR-F (dB) Min.	PS ACR-F (dB) Min.
1	1.9	65	19.1	62	64.2	61.2
4	3.5	64.1	21	61.8	52.1	49.1
8	5	59.4	21	57	46.1	43.1
10	5.5	57.8	21	55.5	44.2	41.2
16	7	54.6	20	52.2	40.1	37.1
20	7.9	53.1	19.5	50.7	38.2	35.2
25	8.9	51.5	19	49.1	36.2	33.2
31.25	10	50	18.5	47.5	34.3	31.3
62.5	14.4	45.1	16	42.7	28.3	25.3
100	18.6	41.8	14	39.3	24.2	21.2
200	27.4	36.9	11	34.3	18.2	15.2
250	31.1	35.3	10	32.7	16.2	13.2

MECHANICAL PROPERTIES

Bending Radius : < 4 X Cable Diameter (mm) at $-20^{\circ}\text{C} \pm 1^{\circ}\text{C}$
Pulling Force : 11.5Kgs
Temperature Range : -20° to $+70^{\circ}\text{C}$

FLAME PROPERTIES

Flammability Test – IEC 60332-1
Acid Gas Emission Test – IEC 60754-1
Smoke Density Test – ASTM 2843
Flame requirement meets the Euro class Eca

CONNECTION SYSTEM

Compatible with all common systems according to ANSI/TIA-568-C.2 and ISO/IEC 11801

AVAILABLE CABLE COLOR

Violet– RAL 4005 or as per customer requirement

PACKING

Available in Reels of 305 mts / 500 Mtrs.

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