

estelan

Cat6A U/UTP PE Cable

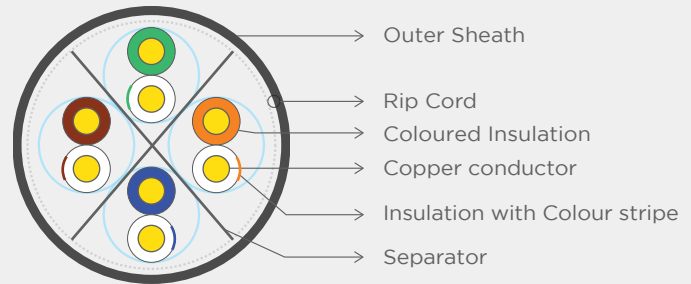


Application:

Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (10GbaseT) standard. This cable complies to the requirements of ANSI/TIA-568.2-D 90 Meter Permanent Link. No Alien Cross Talk compliance

Standards:

Compatible with all common systems according to ANSI/TIA-568.2-D and ISO/IEC 11801



Construction:

Conductor	23 AWG Solid bare Copper
Insulation	High Density Polyethylene
Pairs	2 Insulated conductors twisted together
Separator	Polyolefin
Sheath	PE - Black UV Stabilized
Cable Diameter	6.9 ± 0.3 mm

Mechanical Properties:

Bending Radius: < 8 X Cable Diameter (mm) at -20°C ± 1°C
 Pulling Force: 11.5Kg

Temperature Range
 Installation: 0° to + 50°C
 Operation: -20° to +70°C

Electrical Properties:

Characteristic Impedance : 100 ± 15 Ω
 Conductor Resistance : ≤ 9.38 Ω/100m
 Mutual Capacitance : < 5.6nF/100m

Resistance Unbalance : 5% Max
 Capacitance Unbalance : 330pF/100m
 Delay Skew : < 45nS

Transmission Characteristics-90 M PERMANENT LINK

Frequency (MHz)	Max attenuation (dB)	RL (dB) Min.	NEXT (dB) Min.	PS NEXT (dB) Min.	ACR-F (dB) Min.	PS ACR-F (dB) Min.
1	1.9	19.1	65.0	62.0	67.8	64.8
4	3.5	21.0	64.1	61.8	55.8	52.8
10	5.5	21.0	57.8	55.5	47.8	44.8
16	7.0	20.0	54.6	52.2	43.7	40.7
20	7.8	19.5	53.1	50.7	41.8	38.8
31.25	9.8	18.5	50.0	47.5	37.9	34.9
62.25	14.0	16.0	45.1	42.7	31.9	28.9
100	18.0	14.0	41.8	39.3	27.8	24.8
200	26.1	11.0	36.9	34.3	21.8	18.8
250	29.5	10.0	35.3	32.7	19.8	16.8
300	32.7	9.2	34.0	31.4	18.3	15.3
500	43.8	8.0	26.7	23.8	13.8	10.8

Color Code:

PAIR NO COLOR

1-2 White-Orange Stripe & Orange

3-6 White-Green Stripe & Green

PAIR NO COLOR

4-5 White-Blue Stripe & Blue

7-8 White-Brown Stripe & Brown

Available Cable Color

 PE Black (08)

Packing (P₁ P₂): Available in Reel of 305m (1000ft) (04)

Product Code / Part No:

Part No	Product Name	Euro Class
33126-C ₁ C ₂ P ₁ P ₂	Cat6A U/UTP-PE-23AWG	CPR-Fca

Refer to Jacket Color and Packaging details for C₁C₂ and P₁P₂ respectively.



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