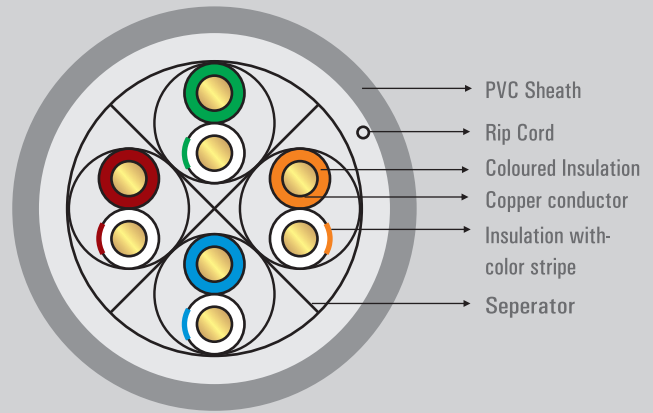


## APPLICATION

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 exceeds the requirements of ANSI/TIA-568-C.2 category6 ISO 11801 Class E**

Approval : UL Listed  & ETL Verified



## CONSTRUCTION

Conductor: **23 AWG Solid bare Copper (4 pair)**  
 Insulation: **High Density Polyethylene**  
 Pairs: **2 Insulated conductors twisted together**  
 Sheath: **PVC**  
 Cable Diameter: **6.1 mm nominal**  
 Cable wt per Box: **13.6 Kgs nominal**

## ✦ ELECTRICAL PROPERTIES

Characteristic Impedance: **100 ± 15Ω**  
 Conductor Resistance: **≤ 9.38 Ω /100m**  
 Mutual Capacitance: **< 5.6nF/100m**  
 Resistance Unbalance: **5% Max**  
 Capacitance Unbalance: **330pF/100m**  
 Delay Skew: **< 45nS**  
 NVP (%): **69%**  
 Operating Voltage: **72V**  
 Dielectric Strength: **1.0KV dc or 0.75KV ac for 1min**

## ✦ COLOR CODE

PAIR NO	COLOR
1-2	White-Orange Stripe and Orange
4-5	White-Blue Stripe and Blue

PAIR NO	COLOR
3-6	White-Green Stripe and Green
7-8	White-Brown Stripe and Brown