

## **Copper Cabling Solutions**

## Category 5e Solid UTP PVC Eca Cable

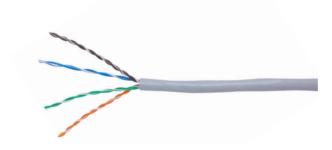
Connectix Cat 5e UTP PVC Cable is designed for high speed LANs including Gigabit Ethernet applications. When used with Connectix panels and modules it gives the exceptional performance required for transmission over all four pairs. The cable is supplied in easy to use boxes and is available with standard grey PVC outer sheaths.

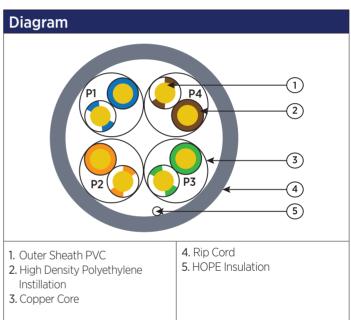
## **Features & Benefits**

- Suitable for Gigabit Ethernet applications
- PVC outer sheaths
- Supplied metre marked in easy pull boxes for easy installation
- Pure copper cores
- Excellent performance exceeding ANSI/TIA stated specifications
- 25 Year System Warranty Available

Electrical Specifications					
DC Resistance	< 9.4 Ω/100 m				
Insulation Resistance	>5000m <b>Ω</b> *km				
Capacitance Unbalance (pair to ground)			< [	5.6nF/100 m	
Characteristic Impedance @1-250 MHz			100 N	MHz +/- 15 Ω	
Velocity Ratio				69%	
Operating Temperature Range			-20	°C to +70°C	
Installation Temperature Range	0°C to +50°C				
Transfer Impedance (m $\Omega$ /m)	1 MHz	10 MHz	30 MHz	100MHz	

Product Specifications			
Inner Conductor	24 AWG plain copper		
Insulation	High density polyethylene		
Construction	4 twisted pairs cabled together		
Colour Code	Pair 1: White/Blue-Blue/White Pair 2: White/Orange-Orange/White Pair 3: White/Green-Green/White Pair 4: White/Brown-Brown/White		
Sheath	PVC		
RAL Colour	Grey - 7044		
Overall Diameter	5.0 +/- 0.2 mm		
Min. Bending Radius	20 mm		
Impedance	31		
Conforms to	ANSI/TIA-568-C, ISO 11801 CENELEC EN 50173		
Euroclass Rating	Eca		





Ordering Information			
Description	Part Number		
Cat 5e UTP PVC Solid Cable	001-003-003-62S		

