

## Cat5e Cabling

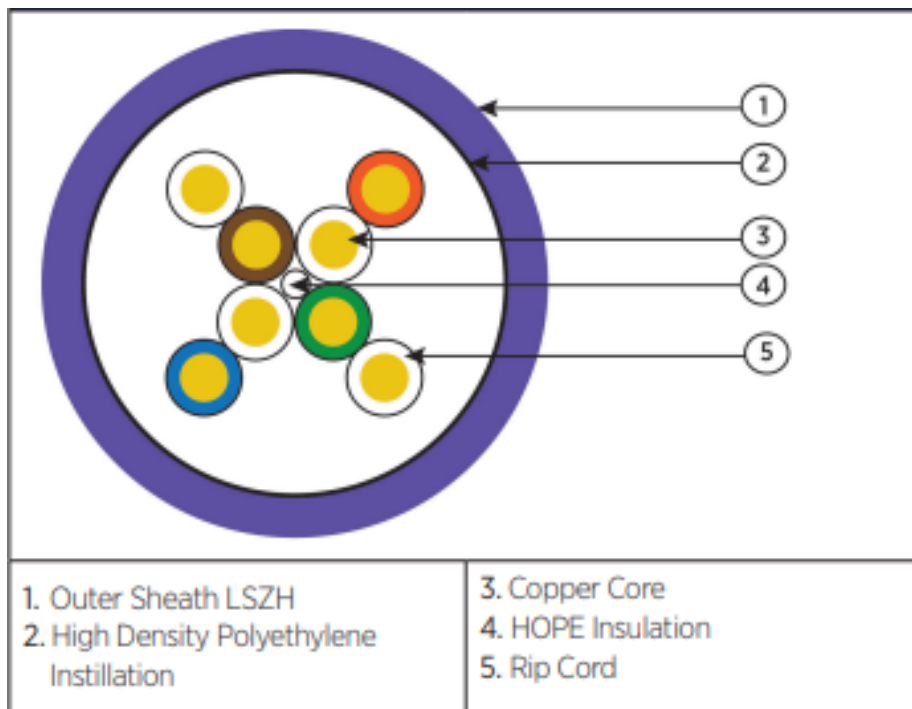
Cat 5e Cable is designed for high speed LANs including Gigabit Ethernet applications. When used with panels and modules it gives the exceptional performance required for transmission over all four pairs. The cable is supplied in easy to use boxes and is available with standard purple LSZH outer sheaths.

## Features and Benefits

- Suitable for Gigabit Ethernet applications
- LSZH 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 Diagram

## Electrical Specifications

DC Resistance	< 9 $\Omega$ /100 m
Insulation Resistance	>5000m $\Omega$ *km
Capacitance Unbalance (pair to ground)	< 5.6nF/100 m
Velocity Ratio	69%
Operating Temperature Range	-20°C to +70°C
Installation temperature Range	0°C to +50°C
Characteristic Impedance	100 MHz +/- 15 $\Omega$



## Product Specifications

<b>Inner Conductor</b>	24 AWG plain copper
<b>Insulation</b>	High density polyethylene
<b>Construction</b>	4 twisted pairs cabled together
<b>Colour Code</b>	Pair 1: White/Blue-Blue/White Pair 2: White/Orange-Orange/White Pair 3: White/Green-Green/White Pair 4: White/Brown-Brown/White
<b>Sheath</b>	Low Smoke Zero Halogen
<b>RAL Colour</b>	Violet - 4001
<b>Overall Diameter</b>	5.0 +/- 0.2 mm
<b>Weight (Kg/Km)</b>	31
<b>Min. Bending Radius Installation Min. Bending Radius Installed</b>	20 mm
<b>Conforms to</b>	ANSI/TIA-568-C
<b>LSZH Jacket Conforms to</b>	IEC 60332-1, IEC 61034 and IEC 60754
<b>Euroclass Rating</b>	Eca