

## ConnectEV LSZH Electric Vehicle Charging & 4 Pair FTP CAT5e Cable



## Description

This cable is for use in the installation of electric vehicle charge points. This is a combined armoured 3 core power and 4 pair CAT5e Data cable in a double sheathed design for extra protection.

Whilst designed for use in electric vehicle chargepoints, the cable is suitable for other installations where power and CAT5e Data cable is required.

## Key Features



**Voltage Rating**  
600 - 1000 Volts  
Test Voltage: 4kV



**Minimum Bending Radius**  
6 x overall diameter



**Flame Retardancy**  
BS EN/IEC 60332-1  
BS EN/IEC 60332-3-24



**Temperature Limits**  
Temperature Range: -30°C to +80°C

## Core Colours

3 Core - Brown Blue Green Yellow

Pair 1 - Blue Blue White

Pair 2 - Orange Orange White

Pair 3 - Green Green White

Pair 4 - Brown Brown White

## Standards

- BS EN / IEC 60332-3-24 (cat C)
- IEC 60754-1
- IEC 61034-2
- BS EN/IEC 60332-1-2
- BS EN/IEC 60502-1
- BS EN/IEC 60228
- FG16OR16

## Construction

- **Conductor: Power Cable:** Class 5 Flexible Stranded Copper, **CAT5 Cable:** Class 1 Solid Copper
- **Conductor:** Class 5 Flexible stranded copper
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation: Power Cable:** XLPE , **CAT5 Cable:** PVC
- **Bedding:** Low Smoke Zero Halogen (LSZH)
- **Outer Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Black

## QA Lab

### Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



## Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



### ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

ConnectEV LSZH Electric Vehicle Charging & 4 Pair FTP CAT5e Cable - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)
CONNECTEV3X4LSZH	4	3+Cat5e	Class 5	17.6	455
CONNECTEV3X6LSZH	6	3+Cat5e	Class 5	19.5	740

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