

ConnectEV Electric Vehicle Charging & CAT5 Cable SWA



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
10 x Overall Diameter



Flame Retardancy
BS EN 60332-1-2



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

- IEC 60228, IEC 60502-1, IEC 60332-1-2
- FG16R16

Construction

- **Conductor: Power Cable:** Class 5 Flexible Stranded Copper, **CAT5 Cable:** Class 1 Solid Copper
- **Insulation: Power Cable:** XLPE, **CAT5 Cable:** PVC
- **Bedding: Power Cable:** Extruded PVC Compound
- **Armour:** Steel Wire Armour (SWA)
- **Sheath: Power Cable:** PVC, **CAT5 Cable:** PVC

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



ConnectEV Electric Vehicle Charging & CAT5 Cable SWA - Dimensions

| Reference | Conductor Size (mm ²) | No Of Cores | Stranding(mm) | Overall Diameter(mm) | Weight(Kg/Km) |
|-----------------|-----------------------------------|----------------|---------------|----------------------|---------------|
| CONNECTEV3X4SWA | 4 | 3 Core & CAT5e | Class 5 | 17.6 | 455 |
| CONNECTEV3X6SWA | 6 | 3 Core & CAT5e | Class 5 | 19.5 | 740 |

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