



Electric Vehicle Charging Cables





EV Charging Cables

ZEV charging cables are designed for use with the electric powered vehicles of today.

For use in commercial, depot, workplace, domestic and mobile environments, they are made from premium quality materials to the highest standards (ISO9001/2015) and are manufactured and fully tested here in the UK.

Designed to carry current from the power supply to an electric vehicle, and capable of delivering up to 32amp, three-phase (22kW) between 450 & 750V.





Flexibility in Design

Manufacturing here in the UK enables us to be extremely versatile with the products we produce, which means we can make cables to match our customers' exact requirements – Any length, choice of colour, power – single or three-phase, straight or coiled, as a complete cable set or as a tethered option, we can provide product to complement existing corporate branding.



Colour to suit Environment

Our standard cables come in two colours – Discreet Grey, where the user requires an unobtrusive installation, or Hi-vis Lime Green, ideal for high-pedestrian throughput where safety from possible trip-hazard is a consideration. We can also produce bespoke colours to support corporate branding.



Reliability

Sheathed in high quality, dirt resistant PU (polyurethane), the three power cores (single phase) and five power cores (three-phase) are safely insulated to continuously protect current flow along with the smaller pilot core, enabling communications between the charge point and the electric vehicle.



Durability

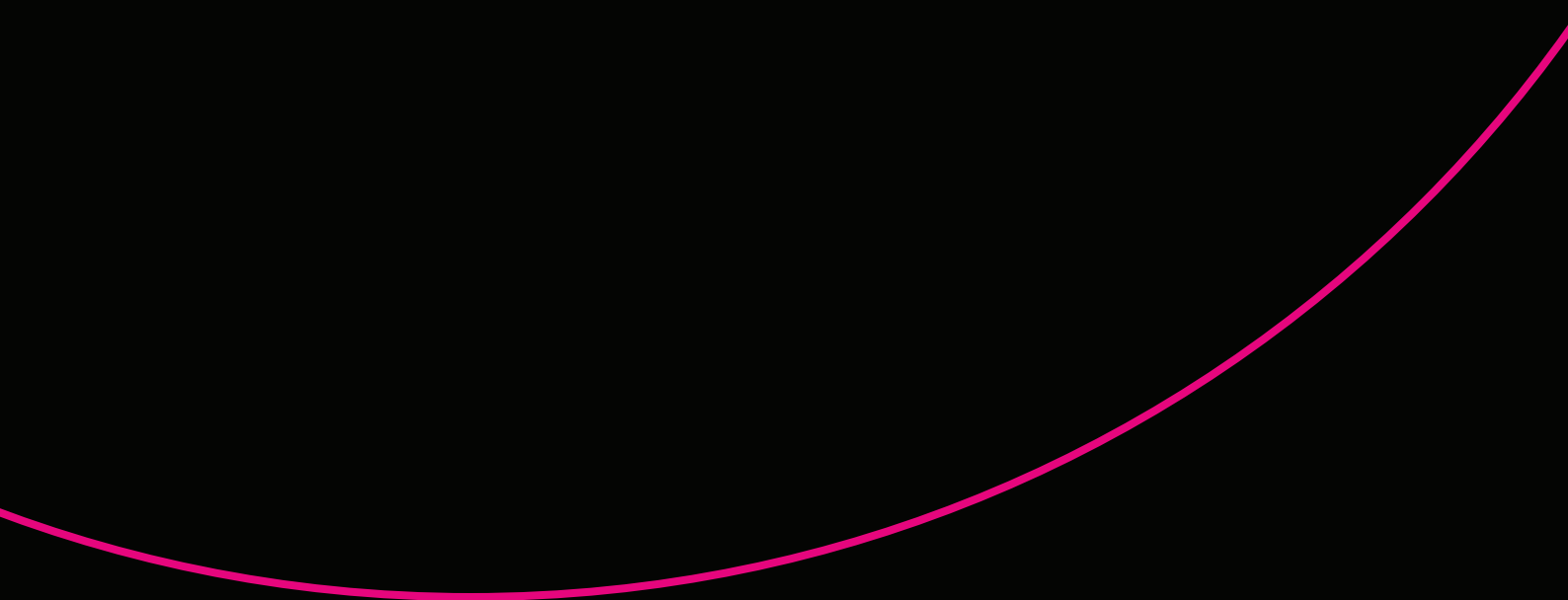
Our cables are designed to be highly flexible and resistant to damage whilst bending and flexing. They have a high tear resistance making them extremely robust. They are able to withstand mechanical loads, impact, abrasion and are resilient to harmful chemicals. Designed for consistent and repetitive use, they are resilient against heat, sunlight, moisture and ageing, and provide long-term, reliable connectivity for EV charging applications.



Cable specifications

Conductor Material	Plain copper
Conductor Class	According to BS EN 60228
Conductor size mm ²	Single phase: 3 x 6.00mm ² & 1 x 0.75mm ² 3 phase: 5 x 6.00mm ² & 1 x 0.75mm ²
No of cores	Single phase: 4 3 phase: 6
Core Insulation	TPR
Outer sheath	Polyurethane EVM-1P
Sheath colour	Standard – Grey or Lime Green (other colours available for quantity order)
Cable diameter mm	Single phase: 14.00 3 phase: 16.00
Bend radius mm	Single phase: 25.00 3 phase: 31.00
Temperature range	-40°C - +90°C
Rated voltage & AMPS	450/750V 32
AC Charging rate	Up to 7.2kW Up to 22kW

- ⚡ Dirt and heat resistant - IP Protection Class: IP55 when connected
- ⚡ Supplied with protective fitted cap
- ⚡ Connectors are TUV Certified IEC/EN62196
- ⚡ Impact resistant
- ⚡ UV resistant
- ⚡ Highly flexible
- ⚡ Lightweight design
- ⚡ Cable sets or tethered options
- ⚡ Single and three-phase configurations
- ⚡ Available in any length
- ⚡ Straight, coiled or combination cable
- ⚡ Colour choice
- ⚡ Compliant with all battery electric and plug-in hybrid vehicles
- ⚡ Cable sets compliant with home workplace and public charge points with a Type2 socket
- ⚡ Tethered cables compliant with electric vehicles with a Type2 or Type1 inlet



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