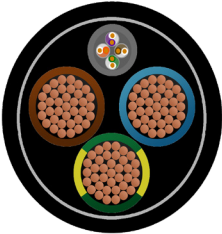


## ELECTRIC VEHICLE CHARGING & 4 PAIR FTP CAT5e CABLE



### APPLICATION

This cable is for use in the installation of electric vehicle charge points. This is a combined 3 core power and 4 pair CAT5e Data cable with an aluminium tape screen and drain wire.

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

### CONSTRUCTION - POWER CABLE

**Conductor:** Class 5 Flexible Stranded Copper  
**Insulation:** XLPE (Cross Link Polyethelene)  
**Screen:** PET Tape wrapping  
**Sheath:** PVC (Poly Vinyl Chloride)

### CAT5 CABLE

**Conductor:** Class 1 solid copper  
**Insulation:** PVC (Poly Vinyl Chloride)  
**Screen:** Drain Wire with Aluminium Foil Tape  
**CAT5 Sheath:** LSZH (Low Smoke Zero Halogen)

### CABLE STANDARDS (POWER)

IEC 60228 IEC60754-1  
IEC 60502-1 IEC61034-2  
IEC 60332-1-2 IEC60332-3-24 CAT C

### CABLE STANDARDS (DATA)

as far as applicable to:  
EIA-TIA 568 ISO/IEC 11801  
IEC 61156 EN 50173  
EN 50288-2-1

### CHARACTERISTICS

**Voltage Rating:** 600 - 1000 Volts  
**Test Voltage:** 4kV  
**Temperature Limits:** -30°C to +80°C  
**Minimum Bending Radius:** 6 x Overall Diameter

### CORE IDENTIFICATION

3 Core: **Brown Blue G/Y**

CAT5e Sheath: PVC (Poly Vinyl Chloride)

Pair 1: **Blue Blue/White**  
Pair 2: **Orange Orange/White**  
Pair 3: **Green Green/White**  
Pair 4: **Brown Brown/White**

Should not be installed at temperatures below 0°C

## ELECTRIC VEHICLE CHARGING & 4 PAIR FTP CAT5e CABLE - CABLE DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM <sup>2</sup> )	STRANDING	NO OF CORES	WEIGHT (Kg/Km)	OVERALL DIAMETER (MM)
CONNECTEV3X4S	4	Class 5	3+CAT5e	310 (±10%)	15.0 (±10%)
CONNECTEV3X6	6	Class 5	3+CAT5e	380 (±10%)	15.8 (±10%)