

TRIDENT EV POWER PLUS 6

XLPE insulated power cables with data cable for electric vehicle charge points



Standards

BS EN 60228
IEC 61156-5
BS 7655-1.3
BS EN 60332-1-2



-20 / +90 °C

Application

Trident EV Power Plus 6 Cable is designed to use for EV charging units. Suitable for installation in walls, on boards and in channels or embedded in plaster.



Resistance to Impact

Construction

Cu/XLPE + CAT 6a /PVC/PVC

- 1- Conductor: Class 2 Stranded Copper (Power cores) / Solid copper (CAT 6a Cores)
- 2-Insulation: XLPE
- 3- CAT 6a : CAT6a F/FTP
- 4- Filler: PVC
- 5- Outer sheath: PVC



Flame Retardant
BS EN 60332-1-2

Core Identification

- 3 Core : Blue, Brown , Green/Yellow
5 Core : Blue, Brown, Black, Grey, Green/Yellow
CAT 6a : Blue + Blue/White, Orange + Orange/White, Green +Green/White,
Brown+ Brown/White



UV Resistant

Technical Data

Min. bending radius 12 x d (d: Radius of the cable)

Max. operating temperature 90 °C

Short circuit temperature: 250 °C

Test Voltage

3500 V AC 5 minutes for Power cores

700 V AC for 1 minute for CAT 6a Cores

Max. Operation Frequency of Data cable : 100MHz

