638TQ to BS 7919(New BS EN 50525-2-21)

- Polychloroprene rubber outer jacket
- Bare copper conductor
- Green/Yellow wire
- EPR insulation
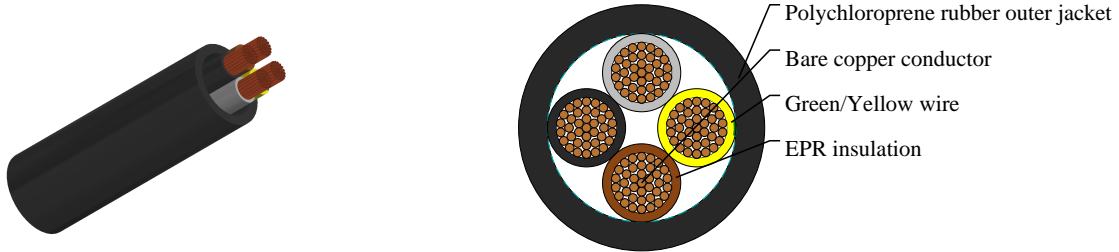
APPLICATIONS

These cables are can be used either in dry, humid or wet places, in contact with oil or grease, in weather conditions and under medium mechanical stress, They are suitable for power supply to equipment in industrial plants, large size boilers, heating plates, portable lamps, electrical tools such as drilling machines, disk saws, portable engines and machines, building and farming equipments etc. These cables are also suitable for stationary equipments designed for wind-tower application. The particular cable construction and the special sheath materials have improved the cable torsion resistance (max150°/m), which is a key requirement for drop cables in wind-generators. The cables are also suitable on plaster in temporary buildings and builders huts, and wiring in machinery elevators. 638TQ is equivalent to harmonized code H07BN4-F.

VOLTAGE RATING

450/750V

CABLE CONSTRUCTION

- Fine bare copper strands
- Stranding to BS 6360 CL-5 or IEC 60228 CL-5
- EPR(Ethylene Propylene Rubber) rubber EI7 insulation
- CSP(Chlorosulphonated Polyethylene) outer jacket EM7

COLOUR CODE

4 cores: Green/Yellow, Brown, Black, Grey

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2500 volts
- Flexing bending radius: 6xOverall diameter
- Fixed bending radius: 4xOverall diameter
- Temperature Range: -25º C to +90º C
- Maximum short circuit temperature: +250º C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩxkm

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm²		mm	mm	mm	kg/km
4 x 120	4/0(614/24)	1.8	6	59.9	7750