

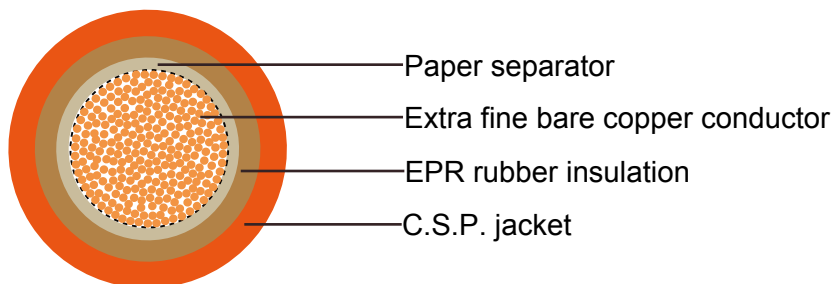


0361TQ to BS 638

Application and Description

These cables are used for the transmission of high currents from the electric welding machine to the welding tool. they are suitable for flexible use under rough conditions, on assembly lines and conveyor systems, in machine tool and motor car manufacturing, ship building, for manually and automatically operated line and spot welding machines.

Cable Construction



0361TQ



0361TQ

- Extra fine bare/tinned copper strands
- Stranding to BS 6360 class 6, or class 5 (120mm² and above)
- Synthetic or paper separator over core
- EPR (Ethylene Propylene Rubber) to BS7655
- Chlorosulphonated Polyethylene (C.S.P.), HOFR (Heat and Oil Resistant and Flame Retardant) to BS7655 , black/ orange

Technical Characteristics

- Working voltage: 100/100 volts
(450V for non-welding applications if suitably protected from mechanical damage)
- Test voltage: 1000 volts
- Minimum bending radius: 6xOverall diameter
- Operating temperature: -25° C to +85° C
- Flame retardant: IEC 60332.1



Cable Parameter

| AWG (No of Strands/Strand Diameter) | No. of Cores x Nominal Cross Sectional Area #xmm ² | Nominal Thickness of Sheath mm | Nominal Overall Diameter mm | Nominal Weight kg/km |
|---|--|--------------------------------------|-----------------------------------|----------------------------|
| 6(903/35) | 1x16 | 2 | 9.7 | 215 |
| 4(1407/35) | 1x25 | 2 | 11.2 | 305 |
| 2(1974/35) | 1x35 | 2 | 12.4 | 400 |
| 1(2830/35) | 1x50 | 2.2 | 14.3 | 587 |
| 2/0(3952/35) | 1x70 | 2.4 | 16.3 | 775 |
| 3/0(5370/35) | 1x95 | 2.6 | 18.6 | 1040 |
| 4/0(614/24) | 1x120 | 2.8 | 20.3 | 1256 |
| 300 MCM (765/24) | 1x150 | 3 | 22.6 | 1360 |
| 350 MCM (944/24) | 1x185 | 3.2 | 24.7 | 1875 |
| 500MCM(1225/24) | 1x240 | 3.2 | 28.3 | 2434 |