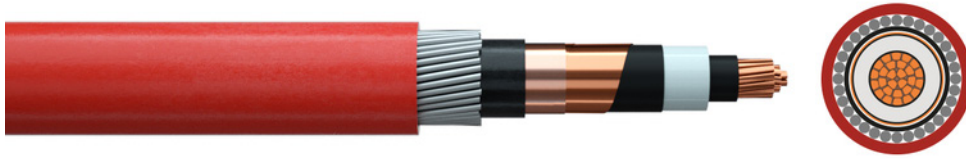


Medium voltage cable

Cu/XLPE/CTS/(SWA/AWA)/PVC



Application: For fixed installation inside of buildings, direct burial in earth, in water as well as in concrete and for heavy-duty mechanical load.

Construction and technical data:

| | |
|--|---|
| Standard: | BS 6622 |
| Conductor material: | copper, bare |
| Conductor construction: | Class 2 = stranded |
| Insulation: | XLPE |
| Electrical field control: | inner and outer semiconducting layer (triple extrusion) |
| Material inner sheath: | PVC |
| Screen: | copper wire or tape on each core |
| Armour: | round steel wire, galvanized |
| Sheathing material: | PVC |
| Flame-retardant: | VDE 0482-332-1-2/IEC 60332-1-2 |
| UV-resistant: | yes |
| Max. temperature at conductor, °C: | 90 °C |
| Permitted outer cable temperature, fixed, °C: | -30 - +70 °C |
| Permitted outer cable temperature, moved, °C: | 5 - 70 °C |
| Bending radius, fixed installation: | 15 x Ø |
| Bending radius, moving application: | 15 x Ø |
| Partial discharge: | 10 pC |



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

BS 6622 6.35/11 kV**Nominal voltage U_o:** 6.35 kV**Nominal voltage U:** 11 kV

| part no. | part name | | RI [Ohm/km] | Ø [mm] | Cu | G [kg] |
|----------|------------------|----|-------------|--------|------|--------|
| 013006 | SWA 03X35 RM RD | RM | 0.524 | 51.1 | 1020 | 4600 |
| 012696 | SWA 03X95 RM RD | RM | 0.193 | 61.6 | 2994 | 7500 |
| 013007 | SWA 03X185 RM RD | RM | 0.0991 | 72.7 | 5646 | 11400 |

| | |
|----|------------------------|
| RI | Conductor resistance |
| Ø | outer diameter approx. |
| Cu | Copper weight (GER) |
| G | net weight per 1000 |