

**Power cable**

**ECO-SS-AL 1x Cca**

Power cable, XLPE insulated, flexible copper conductor, halogen free, flame retardant

0.6/1 kV



| Characteristics                            | Properties         | Unit            |
|--|--------------------|-----------------|
| Conductor material                         | Aluminium          |                 |
| Conductor surface                          | Bare               |                 |
| Nominal cross section conductor            | 240                | mm <sup>2</sup> |
| Conductor category                         | Class 5 = flexible |                 |
| Shape of conductor                         | Round              |                 |
| Number of cores                            | 1                  | Stck            |
| Core identification according to HD 308 S2 | Yes                |                 |
| Core identification                        | Colour             |                 |
| Laminated sheath                           | No                 |                 |
| Fibre optic elements                       | No                 |                 |
| Protective conductor                       | No                 |                 |
| Inner semi-conducting layer                | No                 |                 |
| Outer semi-conducting layer                | No                 |                 |
| Screen                                     | No                 |                 |

| Characteristics  | Properties                           | Unit      |
|--|--------------------------------------|-----------|
| Concentric conductor   | None                                 |           |
| Armouring  | No                                   |           |
| Material outer sheath  | Polyolefin                           |           |
| Specification material outer sheath                                  | Polyethylene (PE)                    |           |
| Colour outer sheath  | Grey                                 |           |
| Conductive coating   | No                                   |           |
| Longitudinal water blocking conductors                               | No                                   |           |
| Longitudinal water blocking screen                                   | No                                   |           |
| Reaction-to-fire according to EN 13501-6: Class                      | Cca                                  |           |
| Reaction-to-fire according to EN 13501-6: Smoke production           | s1b                                  |           |
| Reaction-to-fire according to EN 13501-6: Flaming droplets/particles | d1                                   |           |
| Reaction-to-fire according to EN 13501-6: Acidity                    | a1                                   |           |
| Halogen free (acc. EN 60754-1/2)                                     | Yes                                  |           |
| Flame retardant  | In accordance with IEC/EN 60332-3-24 |           |
| Low smoke (acc. EN 61034-2)  | Yes                                  |           |
| Outer diameter approx.   | 30                                   | mm        |
| Weight   | 1,065.8                              | kg/km     |
| Max. conductor temperature   | 90                                   | °C        |
| Nominal voltage U <sub>0</sub>                                       | 0.6                                  | kV        |
| Nominal voltage U  | 1                                    | kV        |
| max. short circuit temperature                                       | 250                                  | °C        |
| Insulation   | XLPE (VPE)                           |           |
| Minimum bending radius   | 5                                    | x Außen-Ø |

| Packing    | Individual length (in m) | Net weight (in kg) |
|------------|--------------------------|--------------------|
| Ring, Drum | Cut length               | 1,066              |