

ECLK



Application

ECLK is a PVC insulated and PVC sheathed house wiring cable for fixed installation indoors and outdoors. When installed in ground the cable shall be provided with an extra protection against mechanical stress. The insulation of the conductor shall be protected against UV light.

House wiring cable

Max conductor temperature: -25°C/+70°C
 Voltage Rating U₀/U: 450/750 V
 CPR class: Eca

Standards

Conductor: IEC 60228-1
 Construction: SS 424 02 19-4
 Flame retardant: EN50575:2014+A1:2016

Construction

| | |
|------------------------------|--|
| Conductor 1,5mm ² | Bare solid copper 1,36mm ² |
| Conductor 2,5mm ² | Bare solid copper 1,74mm ² |
| Insulation of conductors | PVC |
| Color/Marking (3 core) | yellow/green, blue, brown |
| Color/Marking (4 core) | yellow/green, blue, brown, black |
| Color/Marking (5 core) | yellow/green, blue, brown, black, grey |
| Bedding | Halogen free bedding compound |
| Drainwire | 7 pcs tinned copper wires (1mm ²) |
| Screening | 0,15 aluminium foil |
| Inner sheath | PE |
| Outer sheath | PVC |
| Marking | ex. ECLK 3G1,5mm ² 450/750V Eca AMO I |

| Type Code | Cross-section [mm ²] | Insulation thickness [mm] | Conductor diameter [mm] | Outer sheath thickness [kg/km] | Inner sheath thickness [mm] | Outer diameter nom. [mm] |
|------------|-------------------------------------|---------------------------------|----------------------------|--------------------------------------|-----------------------------------|--------------------------------|
| ECLK 3G1,5 | 1,5 | 0,7 | 2,8 | 0,6 | 0,6 | 9,5 ± 0,3 |
| ECLK 4G1,5 | 1,5 | 0,7 | 2,8 | 0,6 | 0,6 | 10,7 ± 0,3 |
| ECLK 5G1,5 | 1,5 | 0,7 | 2,8 | 0,6 | 0,6 | 11,95 ± 0,3 |
| ECLK 3G2,5 | 2,5 | 0,8 | 3,4 | 0,6 | 0,6 | 11,7 ± 0,3 |
| ECLK 4G2,5 | 2,5 | 0,8 | 3,4 | 0,6 | 0,6 | 11,9 ± 0,3 |
| ECLK 5G2,5 | 2,5 | 0,8 | 3,4 | 0,6 | 0,6 | 12,95 ± 0,3 |