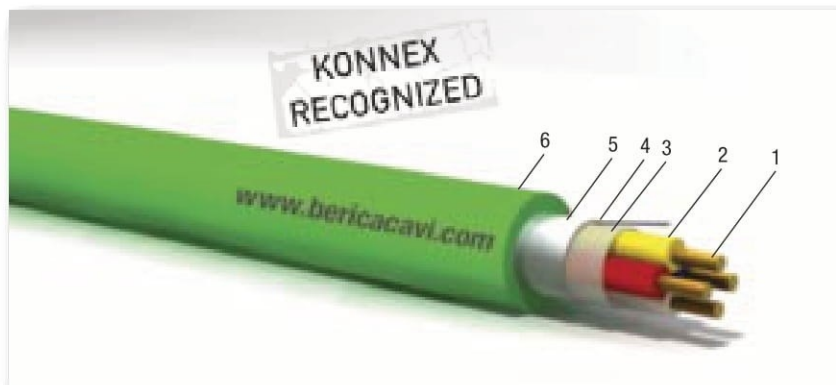


Cables for home automation systems, AI/Pet tape screen, halogen-free



1. Conductor
2. Insulation
3. Assembling
4. Screen
5. Drain wire
6. Sheath

CPR
EU 305/2011

Cca-s1b,d0,a1

APPLICATION: Used in home automation for edifici (eg. Decentralized control of lighting, heating, air conditioning, ventilation, energy management, switches, thermostats, infrared, wind gauges etc.).

INSTALLATION: For fixed indoor installation in dry environments.

| FEATURES | DESCRIPTION | STANDARDS |
|---------------------------------|--|-------------------------|
| Conductors: | annealed red copper (cl. 1) | CEI EN 60228 (Tab. 9) |
| Insulation: | LSZH compound | CEI EN 50363 |
| Cores colour: | 1x2x Red - black , 2x2x Red - white - black - yellow | |
| Assembling: | Pet tape | |
| Drain wire: | annealed tinned copper 1x0,40 mm | |
| Shield: | AI/Pet tape | |
| Sheath: | LSZH compound | CEI EN 50363 |
| Sheath colour: | green RAL 6018 | |
| Cond-cond capacitance.: | < 100 pF/m a 10 kHz | |
| Inductance: | < 0,85 µH/m a 10 kHz | |
| DC resistance: | according to | CEI EN 60228 (Tab. 9) |
| Rated voltage Uo/U: | 300/300 V | |
| Max voltage: | 330 V | |
| Testing voltage: | 4000 V (conductor+shield-water) | |
| Max working temperature: | 70 °C | |
| Short circuit temperature: | 160 °C | |
| Min. installation temperature: | 0 °C | |
| Bending radius: | Ø x 10 | |
| REGULATION (UE) 305/2011 | | |
| System AVCP: | 1+ | EN 50575:2014 + A1:2016 |
| Classification: | Cca-s1b,d0,a1 | UNI EN 13501-6 |
| Cca: | Heat release and flame spread(FS ≤ 2m) | EN 50399 |
| s1b: | Smoke transmittance ≥ 60% <80% (TSP ≤ 50 m2 and SPR ≤ 0.25 m2 / s) | EN 50399 + EN 61034-2 |
| d0: | No flaming droplets | EN 50399 |
| a1: | Gas acidity (Conductivity <2.5 ms / mm and pH> 4.3) | EN 50267-2-3 |
| | Flame propagation (H ≤ 425 mm) | EN 60332-1-2 |
| Printing: | BERICA CAVI S.P.A. ITALY Cca-s1b,d0,a1 CE EIB H(ST)H LSZH Type Year/Lot - 00000m | |

| TYPE N° Cores x Ø N° x mm | MEDIUM Ø OUTER mm | MEDIUM WEIGHT kg/km | PRODUCT CODE |
|------------------------------|----------------------|------------------------|----------------|
| 2x2x0,80 | 6,3 | 52 | B66C02C080LSZH |