

Highlights:

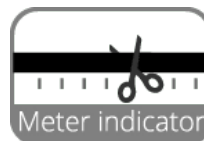
- 16 AWG thin and dense stranded conductors
- Flamoflex™ IEC 60332-1 installation jacket
- IEC 60332-1 NHFR compliant

Product information:

The CLS2xx series are 2-core installation loudspeaker cables featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling. This series consists of 4 models with individually NHFR isolated conductors in sections from 0.75 mm² (18 AWG) up to 4.0 mm² (11 AWG) which are composed of stranded tinned copper wires. The stranding keeps the cable flexible and easy to handle, while the tinned copper conductor material significantly improves the corrosion and oxidation resistance of the cable, enabling it to be used indoors as well as outside, in humid or marine environments.



Properties:



Inner Conductors:



Product Features:

Series

Contractor Series

Physical Characteristics:

| | | | |
|----------------------|---------------------|---------------------------|-----------------|
| Type of cable | | 2-core loudspeaker cable | |
| Inner conductor | Material | TC 30 x 0.25 mm (Ø) (OFC) | |
| | Section | 0.0023 "² | |
| Number of conductors | | 2 | |
| Filling | Insulation | Material | NHFR 2.3 mm (Ø) |
| | NHFR | | |
| Separator | | None | |
| Inner conductor | American Wire Gauge | 16 AWG | |
| | Insulation | Colours | Red / Blue |
| Conductor twisting | | Yes | |
| Outer jacket | Material | NHFR 6.3 mm (Ø) | |
| | Colours | Black | |

Standards & regulations:

| | |
|------------------------|-----------------------------------|
| RoHS2 compliant | According EU Directive 2011/65/EU |
| Reach compliant | According EC 1907/2006 |
| Flammability test | According IEC 60332-1 |
| Indoor / outdoor | UV resistant (UL1581, UVA, 720 h) |
| Circuit integrity | n/a |
| Smoke emissions | According IEC 61034 |
| Zero halogen compounds | According EN 50267-2-1 |
| | IEC 60754 |

Electrical Characteristics:

| | | |
|---------------------|---------------|--------------------|
| Max. conductor | DC resistance | 14.6 (Ω / Km) |
| Dielectric strength | | 2 (KV / 1 min. DC) |
| Rated voltage | | 300 V |

Mechanical Characteristics:

| | | |
|-------------------|---------------------|-----------------------|
| Temperature range | Fixed installation | - 68 °F till + 176 °F |
| | Mobile installation | - 59 °F till + 140 °F |
| Bending radius | Fixed installation | 8 x outer diameter |
| | Mobile installation | 10 x outer diameter |

Cross sections:

