

CLS425

Contractor speaker cable - 4 x 2.5 mm²

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The CLS425 cable is a 4-core installation loudspeaker cables featuring a flamoflex™ outer jacket compliant to the IEC60332-1 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.

The cable consist of individually NHFR isolated conductors with a section of 4 x 2.5 mm² (13 AWG) which are composed out of stranded tinned copper wires. The stranding keeps the cable flexible and easy to handle, while the tinned copper conductor material improves the corrosion and oxidation resistance of the cable, enabling it to be used indoors as well as outside, in humid or marine environments.



INSTALL

Physical Characteristics

| | |
|-------------------------|-----------------------------|
| Type of cable | 4-Core speaker cable |
| Inner conductor | TC 50 x 0.25 mm (OFC) |
| Inner conductor section | 2.5 mm ² |
| Number of conductors | 4 |
| Insulation | NHFR Ø 2.7 mm |
| Insulation Colour | Red / Blue / Black / Yellow |
| Conductor twisting | Yes (2 x 2) |
| Shielding | None |
| Filling | None |
| Separator | Al-Mylar |
| Outer Jacket | NHFR |
| Outer Jacket Colour | Black |
| Outer Jacket Dimensions | Ø 9.5 mm |
| American Wire Gauge | 13 AWG |

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 |

Mechanical Characteristics

| | | |
|-------------------|-----------------------|--------------------|
| Temperature range | fixed installation | -20° C till +80° C |
| | flexible installation | -15° C till +60° C |
| Bending radius | fixed installation | 8 x cable Ø OD |
| | flexible installation | 10 x cable Ø OD |

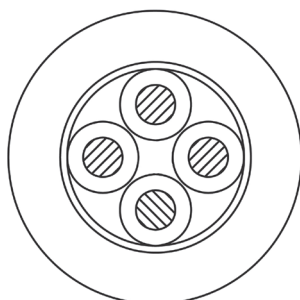
Electrical Characteristics

| | |
|------------------------------|-----------------|
| Max. conductor DC resistance | 8.96 (Ω/Km) |
| Dielectric strength | 2 (KV/1min. DC) |
| Voltage rating | 300V |

Ordering & packaging

| | | |
|----------|--------------------------|-----------------------|
| CLS425/1 | NHFR, IEC 60332-1, Black | 100 meter wooden reel |
|----------|--------------------------|-----------------------|

Cross section



Recommended accessories & connections

| | | |
|-------------------|---------|--------|
| Speaker connector | Procab | VCL4FC |
| SpeakON connector | Neutrik | NL4FX |