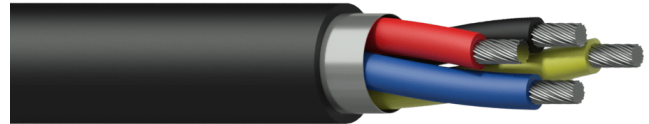


### Highlights:

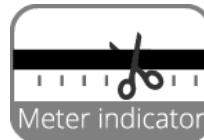
- 11 AWG thin and dense stranded conductors
- Flamoflex™ IEC 60332-1 installation jacket
- 4 conductors for 2-channel loudspeaker connection
- IEC 60332-1 NHFR compliant

### Product information:

The CLS440 cable is a 4-core installation loudspeaker cables featuring a flamoflex™ outer jacket compliant to the IEC60332-1 standard regarding fire and flamabilty 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 4.0 mm<sup>2</sup> (11 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.



### Properties:



### Inner Conductors:



### Product Features:

|             |      |
|-------------|------|
| Application | null |
| Series      | null |

Physical Characteristics:

|                      |                     |                          |                             |
|----------------------|---------------------|--------------------------|-----------------------------|
| Type of cable        |                     | 4-core loudspeaker cable |                             |
| Inner conductor      | Material            | TC 56 x 0.3 mm (Ø) (OFC) |                             |
|                      | Section             | 0.0062 "²                |                             |
| Number of conductors |                     | 4                        |                             |
|                      | Insulation          | Material                 | NHFR 3.6 mm (Ø)             |
|                      | Colours             |                          | Black / Red / Blue / Yellow |
| Separator            |                     | Al-Mylar                 |                             |
| Inner conductor      | American Wire Gauge |                          | 11 AWG                      |
| Filling              |                     | None                     |                             |
| Outer jacket         | Material            | NHFR 12 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 | 4.48 (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:

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