

### Highlights:

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- CCA conductors
- 13 AWG thin and dense stranded conductors
- Color coded polarity identification

### Product information:

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The ALS Series cables are parallel designed loudspeaker cables, based on CCA (Copper Clad Aluminum). This is a technology where an outer sleeve of copper is bonded to a solid aluminum core. The result is a cable with characteristics lying between those of copper cables and bare aluminum cables. It combines the advantages from two sides, such as solderability, lower weight and lower material cost than bare copper with the higher conductivity and higher strength than pure aluminum. The cable composition is made of 85% aluminum with 15% copper, this is combined with a highly flexible jacket made of PVC with polarity indication.



### Inner Conductors:

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### Product Features:

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|             |                    |
|-------------|--------------------|
| Application | AV & IT            |
| Series      | Bulk & Accessories |

## Physical Characteristics:

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|                 |                      |                               |
|-----------------|----------------------|-------------------------------|
| Outer jacket    | Material             | Flexible PVC 3.6 x 7.4 mm (Ø) |
|                 | Colours              | Black / Red                   |
| Inner conductor | Material             | CCA 49 x 0.25 mm (Ø)          |
| Type of cable   |                      | 2-core loudspeaker cable      |
| Inner conductor | Section              | 2.5 mm <sup>2</sup>           |
|                 | American Wire Gauge  | 13 AWG                        |
|                 | Number of conductors | 2                             |

## Mechanical Characteristics:

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|                   |                     |                      |
|-------------------|---------------------|----------------------|
| Temperature range | Fixed installation  | - 40 °C till + 80 °C |
|                   | Mobile installation | - 25 °C till + 70 °C |
| Bending radius    | Fixed installation  | 8 x outer diameter   |
|                   | Mobile installation | 10 x outer diameter  |

## Electrical Characteristics:

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|                        |                |
|------------------------|----------------|
| Lead resistance        | 1.12 Ω / 100 m |
| Max. operation voltage | 300 V          |

## Cross sections:

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## Variants:

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- ALS25/1 - 100 meter
- ALS25/5 - 500 meter

