

### Highlights:

- 13 AWG thin and dense stranded conductors
- Color coded polarity identification
- Copper Clad Aluminium conductors

### Product information:

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:



### Product Features:

Application	null
Series	null

### Physical Characteristics:

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	0.0039 <sup>mm<sup>2</sup></sup>
	American Wire Gauge	13 AWG
	Number of conductors	2

## Mechanical Characteristics:

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Temperature range Fixed installation - 104 °F till + 176 °F

Mobile installation - 77 °F till + 158 °F

Bending radius Fixed installation 8 x outer diameter

Mobile installation 10 x outer diameter

## Electrical Characteristics:

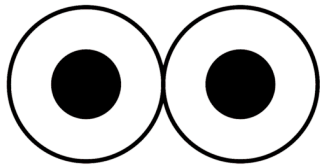
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Lead resistance 1.12  $\Omega$  / 100 m

Max. operation voltage 300 V

## Cross sections:

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## Variants:

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- ALS25/5 - 500 meter