

### Highlights:

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

### 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	AV & IT
Series	Bulk & Accessories

### Physical Characteristics:

Outer jacket	Material	Flexible PVC 3.2 x 6.5 mm (Ø)
	Colours	Black / Red
Inner conductor	Material	CCA 48 x 0.2 mm (Ø)
Type of cable		2-core loudspeaker cable
Inner conductor	Section	0.0023 <sup>mm<sup>2</sup></sup>
	American Wire Gauge	16 AWG
	Number of conductors	2

## Mechanical Characteristics:

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

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Lead resistance	1.81 $\Omega$ / 100 m
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Max. operation voltage	300 V
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## Cross sections:

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