

The BLS215 are double isolated loudspeaker cables composed of two twisted conductors in a flexible PVC outer jacket. The double isolated construction allows the cable being used in public address (100V) audio systems while the smooth and durable outer jacket offers a great installers convenience for easy installation and pulling. The cable consist of individual isolated conductors with a section of 2 x 1.5 mm² (16 AWG) which are composed out of stranded copper clad aluminum (CCA) wires. The stranding keeps the cable flexible and easy to handle while the copper clad aluminum construction results in an electrical performance between copper and 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 75% aluminum with 25% copper.



Properties:



Inner Conductors:



Usage:



Physical Characteristics:

Inner conductor	Insulation	Material	PVC 3.1 mm (Ø)
		Colours	Red / Blue
Outer jacket	Material		PVC 8 mm (Ø)
	Colours		Black
Type of cable			2-core loudspeaker cable
Inner conductor	Material		CCA 30 x 0.25 mm (Ø)
	Conductor compositions		75 % Al - 25 % Cu
	Section		1.5 mm ²
Separator			None
Inner conductor	American Wire Gauge		16 AWG
	Number of conductors		2
	Audio	Conductor twisting	Lay length ≤ 60 mm

Standards & regulations:

RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006

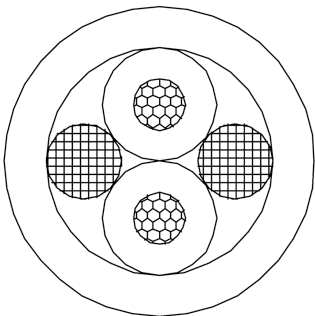
Electrical Characteristics:

Max. conductor	DC resistance	19 (Ω / Km)
Dielectric strength		2 (KV / 1 min. DC)

Mechanical Characteristics:

Temperature range	Fixed installation	- 20 °C till + 80 °C
	Flexible installation	- 15 °C till + 60 °C
Bending radius	Fixed installation	8 x outer diameter
	Flexible installation	10 x outer diameter

Cross sections:



Variants:

- BLS215/1 - 100 meter - black
- BLS215/3 - 300 meter - black
- BLS215W/1 - 100 meter - white
- BLS215W/3 - 300 meter - white