

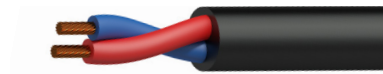
BLS225

Speaker cable - 2 x 2.5 mm² - CCA



The BLS225 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 individually isolated conductors with a section of 2 x 2.5 mm² (13 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 a 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.



INSTALL

Physical Characteristics	
Type of cable	2-Core speaker cable
Inner conductor	CCA 49 x 0.25 mm
Inner conductor section	2.5 mm ²
Number of conductors	2
Insulation	PVC Ø 3.8 mm
Insulation Colour	Red / Blue
Conductor twisting	Yes
Shielding	None
Filling	None
Separator	None
Outer Jacket	PVC
Outer Jacket Colour	Black / White
Outer Jacket Dimensions	Ø 9.8 mm
American Wire Gauge	13 AWG
Conductor composition	75% Al - 25% Cu

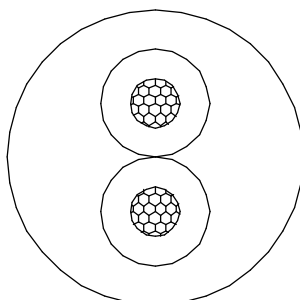
Standards & regulations	
RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006

Mechanical Characteristics		
Temperature range	fixed installation	-20° C till +80° C
	flexible installation	-15° C till +60° C
Bending radius	fixed installation	8 x cable Ø OD
	flexible installation	10 x cable Ø OD

Electrical Characteristics	
Max. conductor DC resistance	11 (Ω/Km)
Dielectric strength	2 (KV/1min. DC)
Voltage rating	300V

Ordering & packaging		
BLS225/1	PVC, Black	100 meter plastic reel
BLS225/3	PVC, Black	300 meter wooden reel
BLS225W/1	PVC, White	100 meter plastic reel
BLS225W/3	PVC, White	300 meter wooden reel

Cross section



Recommended accessories & connections

Speaker connector	Procab	VCL4FC
SpeakON connector	Neutrik	NL2FX/NL4FX