## **CSB124**



## Contractor stereo balanced signal cable



The CSB124 is a high quality stereo balanced signal cable featuring a Flamoflex™ outer jacket compliant to the IEC 60332-1 standard regarding fire and flammability resistance in public installations. The Flamoflex™ material is specifically designed with installers convenience in mind, offering a smooth and durable outer jacket for easy installation and pulling.

The conductor section consists of two individually jacketed pairs which are surrounded by one outer jacket, allowing stereo balanced signal transfer over one single cable. Each individual pair consists of a 24 AWG solid conductor with aluminum foil shielding and drain wire which guarantees the highest installer convenience when terminating with connectors. The highly effective shielding offers excellent immunity against noise and interference caused by external devices.









INSTALL

Type of cable  Inner conductor  Inner conductor  Inner conductor section  Number of conductors  Insulation  Insulation  Insulation Colour  Conductor twisting  Shielding  Inner jacket  Filling  Separator  Outer Jacket Colour  Outer Jacket Dimensions  Al-My Solid Bal. stereo sig. cable  TC 1 x 0.511 mm (OFC)  In x 0.521 mm (	Physical Characteristics			
Inner conductor section  Number of conductors  Insulation  Insulation Colour  Conductor twisting  Shielding  Inner jacket  Filling  Separator  Outer Jacket Colour  Outer Jacket Dimensions  0.22 mm²  A (2 pair)  Iner (2 pair)  Red / White & Blue / White	Type of cable	24 AWG Solid Bal. stereo sig. cable		
Number of conductors  Insulation  Insulation  Insulation Colour  Conductor twisting  Shielding  Al-Mylar + Drain wire (24 AWG)  100% coverage - 25% Overlap  Inner jacket  NHFR Ø 3.0 mm  Filling  NHFR  Separator  Outer Jacket  Outer Jacket Colour  Outer Jacket Dimensions  W 1.0 mm  Black  Outer Jacket Dimensions  Ø 7.8 mm	Inner conductor	TC 1 x 0.511 mm (OFC)		
Insulation PP Ø 1.0 mm Insulation Colour Red / White & Blue / White Conductor twisting Yes Shielding Al-Mylar + Drain wire (24 AWG) 100% coverage - 25% Overlap Inner jacket NHFR Ø 3.0 mm Filling NHFR Separator Al-mylar Outer Jacket NHFR Outer Jacket Olour Black Outer Jacket Dimensions Ø 7.8 mm	Inner conductor section	0.22 mm²		
Insulation Colour Red / White & Blue / White Conductor twisting Yes Shielding Al-Mylar + Drain wire (24 AWG) 100% coverage - 25% Overlap Inner jacket NHFR Ø 3.0 mm Filling NHFR Separator Al-mylar Outer Jacket NHFR Outer Jacket Colour Black Outer Jacket Dimensions Ø 7.8 mm	Number of conductors	4 (2 pair)		
Conductor twisting  Shielding  Al-Mylar + Drain wire (24 AWG) 100% coverage - 25% Overlap  Inner jacket  NHFR Ø 3.0 mm  Filling  NHFR  Separator  Al-mylar  Outer Jacket  NHFR  Outer Jacket Colour  Black  Outer Jacket Dimensions  Ø 7.8 mm	Insulation	PP Ø 1.0 mm		
Shielding  Al-Mylar + Drain wire (24 AWG) 100% coverage - 25% Overlap Inner jacket  NHFR Ø 3.0 mm  Filling  NHFR  Separator  Al-mylar  Outer Jacket  NHFR  Outer Jacket Colour  Black  Outer Jacket Dimensions  Ø 7.8 mm	Insulation Colour	Red / White & Blue / White		
100% coverage - 25% Overlap Inner jacket NHFR Ø 3.0 mm Filling NHFR Separator Al-mylar Outer Jacket NHFR Outer Jacket Colour Black Outer Jacket Dimensions Ø 7.8 mm	Conductor twisting	Yes		
Inner jacket NHFR Ø 3.0 mm  Filling NHFR  Separator Al-mylar  Outer Jacket NHFR  Outer Jacket Colour Black  Outer Jacket Dimensions Ø 7.8 mm	Shielding	Al-Mylar + Drain wire (24 AWG)		
Filling NHFR Separator Al-mylar Outer Jacket NHFR Outer Jacket Colour Black Outer Jacket Dimensions Ø 7.8 mm		100% coverage - 25% Overlap		
Separator Al-mylar Outer Jacket NHFR Outer Jacket Colour Black Outer Jacket Dimensions Ø 7.8 mm	Inner jacket	NHFR Ø 3.0 mm		
Outer Jacket NHFR Outer Jacket Colour Black Outer Jacket Dimensions Ø 7.8 mm	Filling	NHFR		
Outer Jacket Colour Black Outer Jacket Dimensions Ø 7.8 mm	Separator	Al-mylar		
Outer Jacket Dimensions Ø 7.8 mm	Outer Jacket	NHFR		
	Outer Jacket Colour	Black		
American Wire Gauge 24 AWG	Outer Jacket Dimensions	Ø 7.8 mm		
<u> </u>	American Wire Gauge	24 AWG		

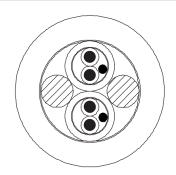
Standards & regulations			
RoHS2 compliant	According EU Directive 2011/65/EU		
Reach compliant	According EC 1907/2006		
Flammability test	According IEC 60332-1		
Indoor / outdoor	UV resistant (UL1581, UVA, 720 h)		
Circuit integrity	n/a		
Smoke emissions	According IEC 61034		
Zero halogen compounds	According EN 50267-2-1, IEC 60754		

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	89.30 (Ω/Km)		
Dielectric strength	2 (KV/1min. DC)		
Voltage rating	300V		

Ordering & packaging			
CSB124/1	NHFR, IEC 60332-1, Black	100 meter plastic reel	

## **Cross section**



Recommended accessories & connections		
XLR Connector	Procab	VC3MX/VC3FX
XLR Connector	Neutrik	NC3MXX/NC3FXX