

# CSB224

Balanced signal cable - flex 0.22 mm<sup>2</sup> - 24 AWG - FlamoFlex™

## Highlights:

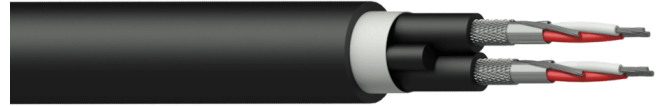
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- Double shielding (Al-foil + Braiding)
- Flamoflex™ IEC 60332-1 installation jacket
- Stranded conductors

## Product information:

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The CSB224 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 stranded conductor with dual shielding, consisting of an Al-mylar foil surrounded by a braiding, which offers a high flexibility. The highly effective shielding offers excellent immunity against noise and interference caused by external devices. The cable shielding effectiveness of >70dB withstands against the most severe disturbances caused by external sources.



## Properties:

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## Inner Conductors:

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## Shielding:

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Product Features:

Application	null		
Series	null		

Physical Characteristics:

Type of cable		24 AWG Stereo signal cable	
Inner conductor	Material	TC 20 x 0.12 mm (Ø) (OFC)	
	Section	0.00034 "²	
	Number of conductors	4 (2 pairs)	
Separator	Insulation	Material	PE 1 mm (Ø)
	Al-Mylar		
	NHFR 3.8 mm (Ø)		
Filling		NHFR	
Inner conductor	Insulation	Colours	White ; Blue ; White / Red
Overall shielding	Aluminium foil	null	
	Drain wire	TC 20 x 0.12 mm (Ø) (OFC)	
	Braiding	TC 16 x 4 x 0.12 mm (Ø) (OFC)	
Inner jacket	Material	NHFR 3.8 mm (Ø)	
Outer jacket	Material	NHFR 9.8 mm (Ø)	
	Colours	Black	

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

Electrical Characteristics:

Max. conductor	DC resistance	94.2 (Ω / Km)
Dielectric strength		2 (KV / 1 min. DC)
Rated voltage		300 V

Mechanical Characteristics:

Temperature range	Fixed installation	- 68 °F till + 176 °F
	Mobile installation	- 59 °F till + 140 °F
Bending radius	Fixed installation	8 x outer diameter
	Mobile installation	10 x outer diameter

Cross sections:

