



Balanced signal cable - flex 0.22 mm² - 24 AWG - FlamoFlex™

Highlights:

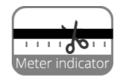
- Double shielding (Al-foil + Braiding)
- Flamoflex™ IEC 60332-1 installation jacket
- Stranded conductors

Product information:

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:







Inner Conductors:



Shielding:





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)
	Insulation	Material	PE 1 mm (Ø)
Separator			Al-Mylar
Inner jacket	Material		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	

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

Electrical Characteristics:

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

Cross sections:

