

CSB224

Contractor stereo balanced signal cable



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.



INSTALL

Physical Characteristics

Type of cable	24 AWG Strand Bal stereo sig cable
Inner conductor	TC 20 x 0.12 mm (OFC)
Inner conductor section	0.22 mm ²
Number of conductors	4 (2 pair)
Insulation	PE Ø 1.0 mm
Insulation Colour	Red / White & Blue / White
Conductor twisting	Yes
Shielding 1	Al-Mylar + Drain wire (24 AWG) 100% coverage - 25% Overlap
Shielding 2	Braiding TC 16 x 4 x 0.12 mm 95% coverage
Inner jacket	NHFR Ø 3.8 mm
Filling	NHFR
Separator	Al-mylar
Outer Jacket	NHFR
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 9.8 mm
American Wire Gauge	24 AWG

Electrical Characteristics

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

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

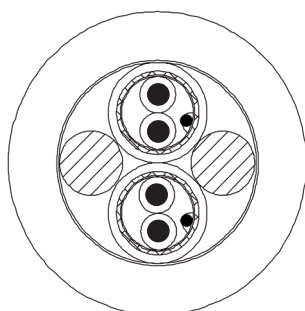
Mechanical Characteristics

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

Ordering & packaging

CSB224/1	NHFR, IEC 60332-1, Black	100 meter wooden reel
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Cross section



Recommended accessories & connections

XLR Connector	Procab	VC3MX/VC3FX
XLR Connector	Neutrik	NC3MXX/NC3FXX