

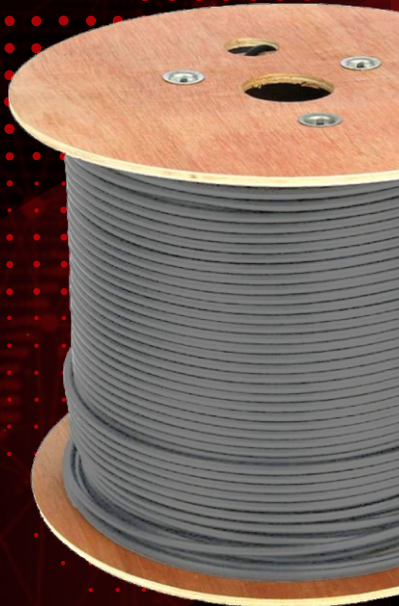


MultiCore 8P 23/1 DMX FRNC-C

AWG
23

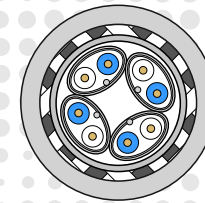
8
cores

IEC
60332-3-24



Audio cables are used in professional broadcast systems to transmit analog and digital AES/EBU audio signals. The cable contains 8 pairs of twisted two copper cores with a diameter of 0.56 mm. Each pair is protected by its own aluminum foil screen, as well as the cable has two overall screen - aluminum foil and braid tinned copper screens. Cable designed to avoid the release of toxic matter in case of fire because they do not contain any halogens.

HIGHEST QUALITY - RELIABILITY - INNOVATION



Multicore audio cable 8P 23/1 DMX , AWG 23, FRNC-C, IEC 60332-3-24

Structure

	Conductor	Cross Sec. Area	0.26 mm ² , Ø 0.56 mm
		No. of Cores	1 cores
		Material	OFC
		Type of conductor	Solid
		Strands	1/0.56 mm
	Insulation	Material	FPE
		Diameter	1.4 ±0.1 mm
		Color	Blue, White
	Pair stranding	Two cores twisted to the pair	
	Pair screen #1	Material	Aluminum Foil
		Diameter	Ø 2.9 mm
	Pair screen #2	Type	Drain wire
		Material	Tinned OFC
		Composition	7/0.26±0.008 mm
	Overall Screen #1	Material	Aluminum Foil
	Overall Screen #2	Material	Tinned copper
		Type	Braid
		Covering	90%
	Jacket	Material	FRNC-C, IEC 60332-3-24
		Diameter	13.0±0.2 mm
		Color	Grey, RAL7001

Electrical properties

DC loop Resistance	≤ 165 Ω/km
Insulation resistance	≥ 2000 MΩ/km
Test voltage	700 V
Capacitance unbalance (pair to ground)	≤ 1200 pF/km
Velocity ratio	approx. 78%
Characteristic impedance	110 Ω ± 10%

Mechanical properties

Bending radius	without load	10xD
	with load	15xD
Temperature range	-20°C to +60°C	