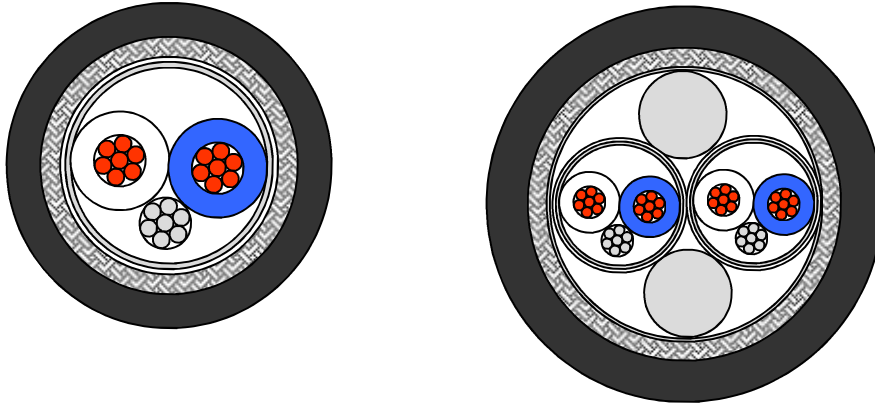


AC10 SS 26/7 1P

AC10 SS 26/7 2P

Audio Cable



Application

Audio cables are used in professional broadcasting systems for the transmission of analogue and digital audio signals.

Standards

basing upon ARD-Specification and acc. to AES/EBU-Recommendation

Flame resistance

VDE 0472 part 804 class B and IEC 332-1

Construction

Conductor	stranded copper wires, bare, AWG26/7(7x0.16 mm) (cross section 0.14 mm ²)	∅ 0.48 mm
Insulation	Foam-skin-PE, diameter 1.2 mm	∅ 1.2 mm
Pair stranding	two cores twisted to the pair	∅ 2.4 mm
Pair identification	a - core: white, b - core: blue	
Pair screen	Al-PET-foil, Aluminium inside + stranded copper drain wires, tinned	∅ 2.5 mm
Pair insulation	PET-foil	
Bundle wrapping (only for the two pair cable)	PET-foil	
Overall screen	copper braid, tinned	
Sheath	PVC/rubber	
Sheath colour	matt black RAL 9005	
Sheath marking	DRAKA COMTEQ – AC10 SS 26/7 1P(or 2P) AES/EBU - 110 Ω	

AC10 SS 26/7 1P AC10 SS 26/7 2P

Mechanical properties

at 20°C

Bending radius during installation	with load	≥ 10 x cable diameter
	without load	≥ 15 x cable diameter
Temperature range	- 30 °C bis + 70 °C	

Electrical properties

at 20°C

DC loop resistance	≤ 288 Ω/km	
Insulation resistance	≥ 2000 MΩxkm	
Mutual capacitance at 800 Hz	nom. 45 nF/km	
Capacitance unbalance (pair to ground)	≤ 1200 pF/km	
Velocity ratio	approx. 78 %	
Test voltage (50 Hz, 1 min) core/core and core/screen	700 V rms	
Characteristic impedance	6 MHz : 110 Ω ± 10%	
Transfer impedance	up to 10 MHz	≤ 10 mΩ/m
	up to 100 MHz	≤ 10 mΩ/m

Electrical data

at 20°C

Frequency	Near-end crosstalk (cable length: 300 m)	Attenuation
[MHz]	[dB]	[dB/100m]
0.015	85	0.55
1.0	85	3.0
4.0	90	5.3
10.0	90	8.1
20.0	85	11.5

Technical data

Product code	Designation	Type	Brandname	Outer diameter	Weight	Standard delivery length	Drum size	Gross weight	Copper content	Tensile force
				mm	Kg/km	m	EW	kg		N
1001978 CT2757401	Li-02YSCY	1x2x0.48L PiMF	AC10 SS 26/7 1P PVC/rubber	4.0 ± 0.2	20	1000	050	24	12.5	50
1001980 CT2757501	Li-02YSCY	2x2x0.48L PiMF	AC10 SS 26/7 2P PVC/rubber	6.9 ± 0.2	60	1000	071	85	30	150

[PRODUCT CODE TABLE]

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