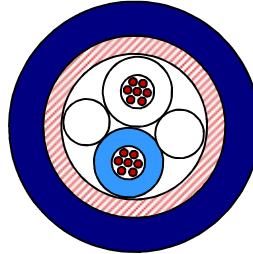


AC10 SP 24/7 1P

Audio Cabel



Application

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

Standards

acc. to AES/EBU-Recommendation

Flame resistance

VDE 0472 part 804 class B and IEC 60332-1

Construction

Conductor	stranded copper wires, bare, diameter 0.60 mm
Insulation	Foam-skin-PE, diameter 1.5 mm
Core colour	blue, white
Pair stranding	2 cores and cotton fillers twisted to the pair, diameter 3.0 mm
Pair screen	spiraled copper wires, bare, diameter 3.2 mm
Sheath	DMC FLEX PVC, diameter 5.0 mm \pm 0.2 mm blue RAL 5013
Printing	DRAKA COMTEQ – AC10 SP 24/7 1P AES/EBU – 110 Ω + meter marking + batch number

Mechanical properties

Minimum bending radius	without load	4 x D (D= outer diameter)
	with load	8 x D (D= outer diameter)
Temperature range	mobile use	- 5° C to + 50° C
	fixed operation	- 30° C to + 70° C

AC10 SP 24/7 1P

Electrical properties

at 20°C

Loop resistance	at 20°C ± 5 °C	≤ 175 Ω/km
Insulation resistance	at 20°C ± 5 °C und 500 V	≥ 2000 MΩxkm
Mutual capacitance	at 800 Hz	≤ 45 nF/km
Velocity ratio		ca. 78 %
Test voltage	core/core	1000 V _{DC} 1 min
	core/screen	1000 V _{DC} 1 min
Characteristic impedance	6 MHz	110 Ω ± 10%

Electrical data

at 20°C

Frequency (MHz)	Attenuation (dB/100m)
0.015	0.3
1.0	1.5
4.0	3.8
10.0	6.0
20.0	8.5

Technical data

Product code	Designation	Type	Brand name	Outer diameter mm	Weight kg/km	Standard delivery length m	Drum size PWD/CBS	Gross weight kg	Copper content	Tensile force N
1002530 CT295600 0	Li-02YSDY	1x2x0.22 ²	AC10 SP 24/7 1P	5.0	28	1000/20 0	500/200/3 10	32/6	11.5	60

PWD (plywood drum)
 CBS (cardboard spool)

[PRODUCT CODE TABLE]

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