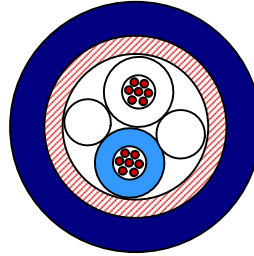




## AC10 SP 24/7 1P

### 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	<b>DRAKA COMTEQ – AC10 SP 24/7 1P AES/EBU – 110 <math>\Omega</math> + meter marking + batch number</b>

### 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 <sub>DC</sub> 1 min
	core/screen	1000 V <sub>DC</sub> 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	Weight	Standard delivery length	Drum size	Gross weight	Copper content	Tensile force
				mm	kg/km	m	PWD/CBS	kg		N
1002530 CT2956000	Li-02YSDY	1x2x0.22 <sup>2</sup>	AC10 SP 24/7 1P	5.0	28	1000/200	500/200/310	32/6	11.5	60

PWD (plywood drum)  
CBS (cardboard spool)