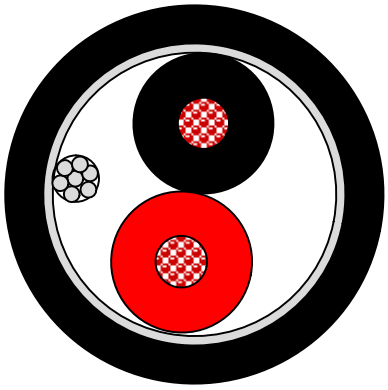
AC S 24/7 1P
Li-2Y(St)Y 1x2xAWG24/7

Audio Cable



Application

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

Flame resistance

VDE 0472 part 804 class B and IEC 60332-1

Construction

Conductor	stranded copper wires, bare, diameter 0.60 mm (AWG24/7) (cross section 0.22 mm²)
Insulation	HDPE , diameter 1.10 mm
Pair Stranding	two cores twisted to the pair
Pair Screen	Al-PET-foil, Aluminium inside, + stranded copper drain wires, tinned diameter 2.3 mm
Sheath	PVC-special, diameter 3.3 ± 0.15 mm
Colour	black RAL 9005
Sheath marking	**DRAKA** COMTEQ - AC S 24/7 1P – meter marking + batch number

Mechanical properties

Bending radius without load during installation with load	≥ 5 x cable diameter ≥ 10 x cable diameter
Temperature range	- 30°C up to + 70°C

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Electrical properties

at 20°C

DC loop resistance		≤ 175 Ω/km
Insulation resistance (at 20 ± 5 °C and 500 V)		≥ 2000 MΩxkm
Mutual capacitance at 80 Hz		≤ 90 nF/km
Velocity ratio		approx. 66 %
Test voltage (DC, 1 min) core/core and core/screen		1000 V
Operating voltage AC Operating voltage DC		50 V 75 V

Electrical data

at 20°C

Frequency [MHz]		**Near-end crosstalk (cable length: 300 m) Draka Multimedia Cable – Measurement values**	
0.015		neighboured pairs [dB]	unneighboured pairs [dB]
		100	100

Technical data

Product code	Designation	Type	Brand name	Outer diameter mm	Standard delivery-length m	Drum size CBR	Gross weight kg	Copper content	Tensile force N
1002044 CT2962000	Li-2Y(St)Y	1x2x0.22²	AC S 24/7 1P	3.3	305	370/180/200	17	8	40

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
AC S 24/7 1P		60011371	**60011371**
AC S 24/7 1P 1000DW	1002044-01000DW	60011371	**60012399**
AC S 24/7 1P 100RW	1002044-00100RW	60011371	**60014782**

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