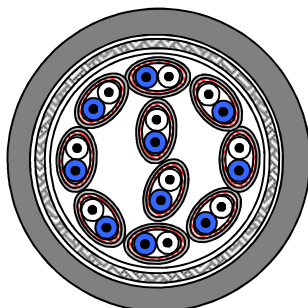


Digital Sound 10er Modulation cable

Audio cable AES/EBU



Application

For analogue and digital audio transmission

Construction

Conductor	Stranded copper wires, bare, diameter 0.42 mm	
Insulation	Foam-Skin- PE diameter 1.0 mm	
Pair stranding	Two cores twisted to the pair	
Pair screen	Spiraled copper wires, tinned, diameter 2,2mm	
Pair identification	a-core: blue, b-core: white	
Pair Insulation	PBT, diameter 2,5mm	
Pair colors and identification	Gray RAL 7001 with number printing	
Wrapping	Polyester web	
Outer screen	CU-braid tined, no drain wire	
Outer wrapping	Polyester web	
Sheath	DMC FLEX PUR, gray RAL 7016, diameter 10,5 mm	
Marking	DRAKA – DIGITAL SOUND 10er Mod. + batch number + meter marking	

Mechanical properties

Bending radius	without load	10 x D (D= outer diameter)
	with load	15 x D (D= outer diameter)
Temperature range	fixed operation	- 30° C to + 70° C
	mobile use	- 5° C to + 60° C

Digital Sound 10er Modulation cable

Electrical properties

at 20°C

Loop resistance		288 Ω/km
Insulation resistance		1GΩ/KM
Capacity	core/core	< 70 pF/m
	core/screen	< 230pF/m
Characteristic impedance		110Ω
Relative Velocity ratio		78 %
Insulation resistance	core/core	250V
	core/screen	1000V
Transfer impedance	0 - 10MHz	10mΩ/m

Electrical data (nominal)

at 20°C

Attenuation (dB/100m)		Near end crosstalk (dB)	
Frequency (MHz)		Neighbouring pairs	Unneighbouring pairs
0,015	0,6	> 100	> 100
1,0	2,3		
4,0	6,0		
10,0	10,9		
20,0	17,8		

Technical data

Product code	Type	Weight kg/km	Standard delivery length m	Drum size *PWD	Copper content	Tensile Force N	Storage
1016552 CT2660700	Digital Sound 10er Mod.	141	1000	760/360/5 80	100	550	Inside

*PWD (Plywood drum)

[PRODUCT CODE TABLE]

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