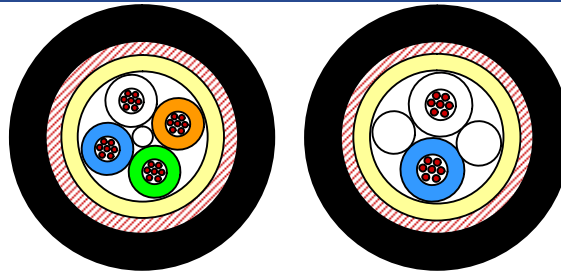


MICRO 22 INDOOR AES/EBU MICRO 22 OUTSIDE AES/EBU MICRO QUAD 22 OUTSIDE AES/EBU

Microphone Cable



Application

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

Standards

AES/EBU

Flame resistance

Not for fixed installation for construction works

Construction 1 pair Cable

Conductor	stranded copper wires, bare, diameter 0.60 mm
Insulation	Foam-PE + skin-layer, diameter 1.5 mm
Identification	a – core: white; b – core: blue
Stranding	two cores twisted to the bundle + filler, diameter 3.0 mm + one layer of aramide yarn, diameter 3.1 mm
Screen	Cu-Reuse, blank, diameter 3.3 mm
Sheath	DMC FLEX PUR LSZH, DMC FLEX PVC, diameter 6.5 mm ± 0.2 mm black, RAL 9005
Printing	DRAKA COMTEQ – AC10 SP 24/7 1P AES/EBU – 110 Ω + meter marking + batch number

Construction Quad Cable

Conductor	stranded copper wires, bare, diameter 0.60 mm
Insulation	Foam-PE + skin-layer, diameter 1.5 mm
Identification	white, orange, green, blue
Stranding	four cores twisted to a quad diameter 3.6 mm + one layer of aramide yarn diameter 3.7 mm
Screen	Cu-Reuse, blank, diameter 3,9 mm
Sheath	DMC FLEX PUR LSZH, DMC FLEX PVC, diameter 6.5 mm ± 0.2 mm black, RAL 9005
Printing	DMC FLEX PUR: DRAKA COMTEQ – MICRO 22 OUTSIDE AES/EBU + meter marking + batch no. or DRAKA COMTEQ – MICRO QUAD 22 OUTSIDE AES/EBU + meter marking + batch no. DMC FLEX PVC: DRAKA COMTEQ – MICRO 22 INDOOR AES/EBU + meter marking + batch no.

MICRO 22 INDOOR AES/EBU

MICRO 22 OUTSIDE AES/EBU

MICRO QUAD 22 OUTSIDE AES/EBU

Mechanical properties

Minimum bending radius	without load	$\geq 4 \times D$ (D= outer diameter)
	with load	$\geq 8 \times D$ (D= outer diameter)
Temperature range	during operation	- 30° C to + 70° C
	during installation	- 5° C to + 50° C

Electrical properties

at 20°C

Loop resistance		$\leq 175 \Omega/\text{km}$
Insulation resistance	500 V	$\geq 2000 \text{ M}\Omega \cdot \text{km}$
Mutual capacitance	800 Hz	nom. 45 nF/km
Velocity ratio		ca .78%
Test voltage	(DC. 1 min) core/core and core/screen	1000 V
Characteristic impedance	6 MHz	$110 \Omega \pm 10 \%$

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
1002059 CT2963500	Li-02YSD11Y	1x2x0.22 ²	MICRO 22 OUTSIDE AES/EBU	6.5	50	1000/200	500/200/310	53.5/10.5	12.2	1000
1002061 CT2963600	Li-02YSD11Y	2x2x0.22 ²	MICRO QUAD 22 OUTSIDE AES/EBU	6.5	54	1000/200	500/200/310	57.5/11.3	16.0	1000
1002060	Li-02YSDY	1x2x0.22 ²	MICRO 22	6.5	50	1000/	500/200/310	53.5/10.5	12.2	1000

MICRO 22 INDOOR AES/EBU MICRO 22 OUTSIDE AES/EBU MICRO QUAD 22 OUTSIDE AES/EBU

CT296350			INDOOR AES/EBU			200				
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Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
DR Micro 22 outside AES/EBU		60014815	60014815
DR Micro 22 outside AES/EBU 1000DW	1002059-01000DW	60014815	60014817
DR Micro 22 Indoor AES/EBU		60014819	60014819
Micro 22 Outside AES/EBU 2P		--	60014821

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