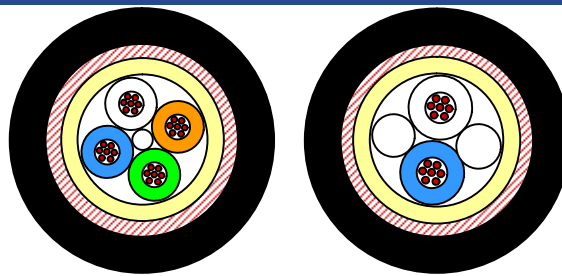


MICRO 22 INDOOR AES/EBU MICRO 22 OUTSIDE AES/EBU MICRO QUAD 22 OUTSIDE AES/EBU

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

VDE 0472 part 804 class B and IEC 60332-1

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				
1										

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

© PRYSMIAN GROUP 2007, All Rights Reserved

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group: any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without prior notice. This specification is not contractually valid unless specifically authorised by Prysmian Group.