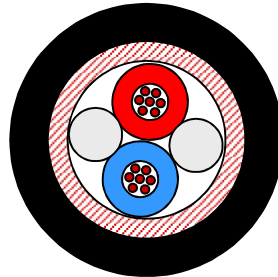


Micro 22

Microphone Cable



Application

Audio cables are used in professional broadcasting systems for the transmission of analogue audio signals. Not for fixed installation in construction works.

Standards

Construction

Conductor	stranded copper wires, bare 28x0.10 mm, diameter 0.61 mm
Insulation	PVC, diameter 1.2 mm \pm 0.05 mm
Core colour	blue, red
Pair stranding	2 cores and two cotton fillers
Pair screen	spiraled copper wires, bare, diameter 2.6 mm
Sheath	PVC/rubber, diameter 6.0 mm - 0.2 mm matt black, RAL 9005, red, RAL 3000 or blue, RAL 5013
Printing	DRAKA MICRO 22 + batch number + meter marking

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

Micro 22

Electrical properties

at 20°C

DC resistance	20°C	≤ 90 Ω/km
Mutual capacitance (1 kHz, reference value)	core/core	135 pF/m
	core/screen	230 pF/m
Insulation resistance	20 °C ± 5 °C, 500 VDC	≥ 200 MΩxkm
Test voltage AC (50 Hz; 1min)	core/core	0.5 kV _{rms}
	core/screen	1.0 kV _{rms}

Technical data

Product code	Designation	Type	Brand name	Outer diameter mm	Weight kg/km	Standard delivery length m	Drum size *PWD	Gross weight kg	Copper content	Tensile force N
1002101 CT2989505	Lif-YDY blue	1x2x0.22 ²	Micro 22	max. 6.0	37	500	400/120/280	20	12.2	55
1002102 CT2989506	Lif-YDY red	1x2x0.22 ²	Micro 22	max. 6.0	37	500	400/120/280	20	12.2	55
1002099 CT2989503	Lif-YDY black	1x2x0.22 ²	Micro 22	max. 6.0	37	500	400/120/280	20	12.2	55

PWD (plywood drum)

Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
DR MICRO 22	1002099	60010081	60010081
DR MICRO 22 500DW	1002099-00500DW	60010081	60015006
DR MICRO 22 100DC	1002099-00100DC	60010081	60044582

© PRYSMIAN GROUP 2016, 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.