

## Tech Data

## CABLE AND FIBRE OPTIC

AUDIO

MULTICORE ULTRAFLEX



### Description

Bare Copper conductor. Polyolefin insulation. Twisted. Tinned Copper drain wire. Aluminium – Polyester foil shielded. Polyester foil protection. Wired. PVC – NBR outer sheath

### Applications

Audio Multicore for Mobile Equipments

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#### Physical Characteristics

Conductor	Insulation	Twisted
<b>Material:</b> Bare Cu (Copper) <b>Section:</b> 0.22 mm <sup>2</sup> <b>Composition:</b> 7×0.2 mm	<b>Material:</b> Digilene <b>Diameter:</b> 1.10 mm <b>Colour:</b> According Code	<b>Composition:</b> 2 Conductors + Drain Wire <b>Each:</b> 51 mm
Drain Wire	Shield 1st	Shield 2 nd
<b>Material:</b> CuSn (Tinned copper) <b>Section:</b> 0.22 mm <sup>2</sup> <b>Composition:</b> 7×0.2	<b>Material:</b> AL-PET (Aluminium – Polyester) foil <b>Coverage:</b> 100%	<b>Material:</b> PET (Polyester) foil <b>Coverage:</b> 100%
Wired	Protection	Outer Sheath
<b>Composition:</b> 3 + 9 <b>Diameter:</b> 8.60 mm	<b>Material:</b> PET (Polyester) foil	<b>Material:</b> PVC – NBR (Polyvinyl Chloride and an acrylonitrile butadiene copolymer, exceptional resistance to ozone). <b>Colour:</b> Blue RAL 5001

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#### Mechanical Characteristics

REFERENCE	PAIRS	Approx. WEIGHT	DIAMETER	Min. Bending RADIUS
6919	12 Pairs	157 Kg/Km	12.2 mm	183 mm
10297	16 Pairs	230 Kg/Km	14.4 mm	216 mm
10298	20 Pairs	324 Kg/Km	15.6 mm	175-185 mm
10299	24 Pairs	410 Kg/km	17.9 mm	211-221 mm
10147	32 Pairs	477 Kg/Km	19.3 mm	211-221 mm
10148	36 Pairs	525 Kg/Km	19.9 mm	211-221 mm
10146	42 Pairs	634 Kg/Km	22.4 mm	251-261 mm
10150	56 Pairs	775 Kg/Km	24.1 mm	298-308 mm
10151	60 Pairs	825 Kg/Km	24.8 mm	298-308 mm
10384	64 Pairs	871 Kg/Km	25.4 mm	298-308 mm

Nominal Temperature: -20/+80 °C

#### Electrical Characteristics

Max. Resistance at 20°C (Conductor)	86 $\Omega$ /Km
Max. Resistance at 20°C (Shield)	62.6 $\Omega$ /Km
Insulation Resistance	>1000 M $\Omega$ × Km
Impedance	72 $\Omega$
Capacitance	60 pF/m $\Omega$
Propagation Speed	75 %
Test Voltage	1500 V

#### Environment

Heavy Materials Content	Directive 2002/95/CE
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#### Applicable Normative

Conductor material	UNE-EN 60228
Insulation material	UNE-EN 50290

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For possible changes due to continuous product improvements; Pinanson S.L. reserves the right to change the showed data in this document without notice. The data presented here correspond to the time it was compiled.