

## Tech Data

## CABLE AND FIBRE OPTIC

AUDIO  
AES/EBU  
6 PAIRS

### Description



Bare copper conductor. Foam cellular PE insulation. Twisted. Tinned copper drain wire per pair. Aluminium foil shielded. Flexible PVC individual sheath. Wired. Super Flexible PVC outer sheath.

### Applications

Audio multicore for fixed and mobile installations. Multicore for transmission of digital and analogue audio signal.

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Physical Characteristics

AUDIO AES/EBU	<b>Conductor</b>		<b>Insulation</b>	
	<b>Material:</b> Bare Cu (Copper) <b>Section:</b> 0.22 mm <sup>2</sup> <b>AWG</b> 24		<b>Material:</b> Cellular PE (Polyethylene) <b>Diameter:</b> 1.4 mm <b>Colour:</b> <div style="display: flex; justify-content: space-around; border: 1px solid black; padding: 2px;"> <span style="border: 1px solid black; padding: 2px 10px;">White</span> <span style="border: 1px solid black; padding: 2px 10px; color: red;">Red</span> </div>	
	<b>Twisted</b>		<b>Individual Shield</b>	
	<b>Composition:</b> 2 conductors + drain wire <b>Approx. Step:</b> 51 mm		<b>Drain Wire</b> <b>Material:</b> CuSn (Tinned copper) <b>Composition:</b> 7×0.2	<b>1<sup>st</sup> Shield</b> <b>Material:</b> Aluminium- foil <b>Coverage:</b> 100 %
	<b>Individual Sheath</b>		<b>Outer Sheath</b>	
	<b>Material:</b> Flexible PVC <b>Diameter:</b> 3.70 mm <b>Colour:</b> <div style="display: flex; justify-content: center; align-items: center; margin-top: 5px;"> <div style="width: 60px; height: 20px; background-color: grey; margin-right: 5px;"></div> <span>Grey</span> </div>		<b>Material:</b> PVC-NBR <b>Diameter:</b> 13.20 mm <b>Colour:</b> <div style="display: flex; justify-content: center; align-items: center; margin-top: 5px;"> <div style="width: 100px; height: 40px; background-color: #1a3d54; color: white; text-align: center; padding: 5px;">BLUE RAL 5017</div> </div>	

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### Mechanical Characteristics

Weight	172 Kg/Km
Temperature	-20/70°C
Min. Bending Radius	264 mm

### Electrical Characteristics

Max. Ohm. Resistance (Conductor)	82.3 $\Omega$ /Km
Max. Ohm. Resistance (Individual shield)	62.6 $\Omega$ /Km
Insulation Resistance	>1000 M $\Omega \times$ Km
Capacitance <small>conduc. /conduc</small>	43 pF/m
Impedance	110 $\Omega$ $\Omega$
Propagation Speed	80 %
Test Voltage	1500 V

### Environment

RoHS ( <i>Restriction of Hazardous Substances</i> )	Directive 2002/95/CE
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### Applicable Normative

Conductor material	UNE-EN 60228
Insulation material	UNE-EN 50290
AES 3 -2003	AES/EBU digital audio standard for twisted pair

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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.