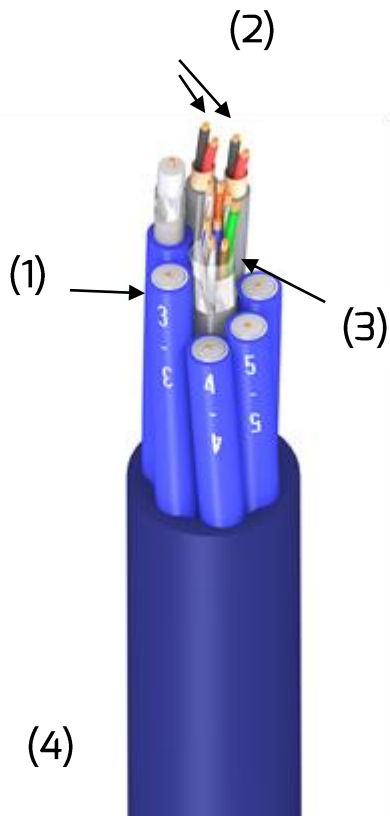


Tech Data

REF.: 4772

CABLE AND FIBRE OPTIC HYBRID

2 AU Analog + 5 V Digital + 1 CAT 5e



Description

- (1) **5 Digital Video:** Bare Copper conductor. Expanded by physical method Cellular Polyethylene Insulation. Aluminium – Polyester – Aluminium foil shielded. Tinned Copper braid shielded. PVC sheath.
- (2) **2 Balanced Audio Pair:** Bare Copper conductor. Digilene insulation. Twisted. Bare Copper spiral shielded. PVC sheath
- (3) **1 FTP CAT 5e:** Bare Copper conductor. Polyethylene insulation. Twisted. Wired. Polyester foil protection. Tinned Copper drain wire. Aluminium – Polyester foil shielded. PVC outer sheath.
- (4) **GENERAL:** Wired. PVC-NBR sheath.

Applications

Hybrid Multicore for Fixed and Mobile Installations.

Tech Data

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**CABLE AND FIBRE OPTIC
 HYBRID**

2 AU Analog + 5 V Digital + 1 CAT 5e

Physical Characteristics

DIGITAL VIDEO	Conductor	Insulation
	Material: Cu (Copper) Section: 0.28 mm ² Composition: 1×0.60	Material: PEX – F (Expanded by physical method Cellular Polyethylene Insulation) (1) <small>(1)It allows holding its electrical characteristics over time.</small> Diameter: 2.8 mm Colour: Natural
	Individual 1st Shield	Individual 2nd Shield
	Material: Al-PET (Aluminium-Polyester). Coverage: 100 %	Material: CuSn (Tinned Copper) braid. Coverage: 90 %
	Individual Sheath	
Material: PVC (Polyvinyl Chloride) Diameter: 4.5 mm		

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**CABLE AND FIBRE OPTIC
 HYBRID**

2 AU Analog + 5 V Digital + 1 CAT 5e

BALANCED AUDIO PAIR	Conductor		Insulation	
	Material Cu (Copper) Section: 0.2 mm ² Composition: 25 × 0.10 mm		Material PPEX (Cellular Polypropylene) Diameter 1.20 mm Colour Red and Black	
	Twisted			
	Each: 19 mm			
	Individual Shield 1st		Individual Sheath	
Material: Cu (Copper) spiral Coverage 95-100%		Material: PVC (Polyvinyl Chloride) Diameter: 3 mm		
FTP CAT 5e	Conductor		Insulation	
	Material Cu (Copper) Section: 0.12 mm ² Composition: 7×0.15 mm		Material PE (Polyethylene) Diameter 0.85 mm Colour White/Blue-Blue , White/Orange-Orange , White/Green-Green , White/Brown-Brown	
	Twisted			
	Each: 18 mm			
	Individual Shield		Individual Sheath	
Material: Al-PET (Aluminium-Polyester) foil. Coverage: 100 %		Material: PVC (Polyvinyl Chloride) Diameter: 5.3 mm		

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CABLE AND FIBRE OPTIC HYBRID

2 AU Analog + 5 V Digital + 1 CAT 5e

Outer Sheath	
General	Material: PVC-NBR (Polyvinyl Chloride and an acrylonitrile butadiene copolymer, exceptional resistance to ozone).
	Diameter: 17.30 mm
	Colour: RAL 5013

Mechanical Characteristics

Approx. Step	350 Kg/Km
Temperature	-20/+80°C
Min. bending radius	346 mm

Electrical Characteristics

DIGITAL VIDEO	Max. Resistance at 20 °C	61 Ω/Km
	Insulation Resistance	>5000 MΩ × Km
	Impedance	75 Ω
	Capacitance	54 pF/m
	Propagation Speed	81 %
	Test Voltage	1500 V
BALANCED AUDIO PAIR	Max. Resistance at 20 °C	92.2 Ω/Km
	Insulation Resistance	>5000 MΩ × Km
	Capacitance	55 pF/m
	Test Voltage	1500 V
FTP CAT 5e	Max. Resistance at 20°C	146.4 Ω/Km
	Insulation Resistance	>5000 MΩ × Km
	Capacitance	50 pF/m
	Test Voltage	1500 V

Environment

Heavy Materials Content	Directive 2002/95/CE
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Normative

Conductor Material	UNE-EN 60228
Insulating Material	UNE-EN 50290

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CABLE AND FIBRE OPTIC HYBRID

2 AU Analog + 5 V Digital + 1 CAT 5e



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Review: February 2018

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.