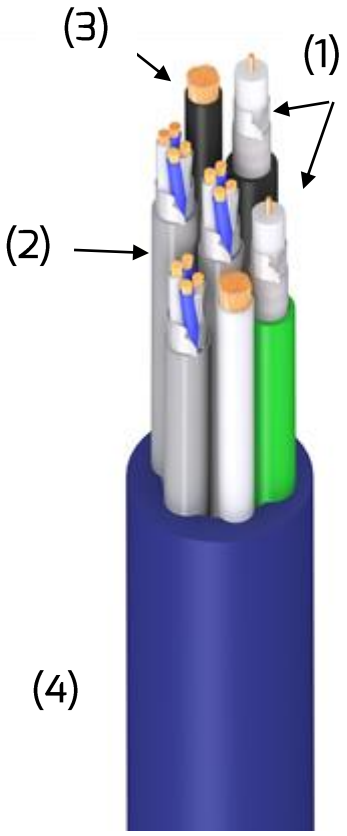
Tech Data

REF.: 1742

CABLE AND FIBRE OPTIC

HYBRID

3 AU Analog. (Quad) + 2 V Digital + 2 PW



Description

(1) **2 Digital Video:** Bare Copper conductor. Expanded by physical method Cellular Polyethylene Insulation. Aluminium – Polyester – Aluminium foil shielded. Tinned Copper braid shielded. PVC sheath.

(2) **3 Audio Quad**: Bare Copper conductor. Digilene insulation. Wired as Quad way. Tinned Copper drain wire. Aluminium – Polyester foil shielded. PVC Sheath.

(3) **2 POWER**: Bare Copper conductor. PVC insulation.

(4) **GENERAL**: Wired. PVC-NBR Outer sheath.

Applications

Hybrid Multicore for Fixed and Mobile Installations.

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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) (1)It allows holding its electrical characteristics over time. **Diameter:** 2.8 mm **Colour:** Natural
	Individual 1st Shield	**Individual 2nd Shield**
	Material: Al-PET (Aluminium-Polyester) foil. **Coverage:** 100 %	**Material:** CuSn (Tinned Copper) braid. **Coverage:** 90 %
	Individual Sheath	
	Material: PVC (Polyvinyl Chloride) **Diameter:** 4.5 mm	

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AUDIO QUAD	**Conductor**	**Insulation**
	Material Cu (Copper) **Section:** 0.2 mm^2 **Composition:** 25 × 0.10 mm	**Material** PPEX (Cellular Polypropylene) **Diameter** 1.20 mm **Colour** Blue–White–Blue–White
	Drain wire	**Twisted**
	Material CuSn (Tinned copper) **Section** 0.22 mm^2 **Composition:** 7× 0.20mm	**Each:** 17 mm
	Shield	**Individual Sheath**
	Material: AL-PE foil (Aluminium-Polyester) **Coverage** 100%	**Material:** PVC (Polyvinyl Chloride) **Diameter:** 4 mm
POWER	**Conductor**	**Insulation**
	Material Cu (Copper) **Section:** 2.5 mm^2 **Composition:** 79 × 0.20 mm	**Material** PVC (Polyvinyl Chloride) **Diameter** 1.20 mm **Colour** White and Black
General	**Outer Sheath**	
	Material: PVC-NBR (Polyvinyl Chloride and an acrylonitrile butadiene copolymer, exceptional resistance to ozone). **Diameter:** 15.70 mm **Colour:** RAL 5013	

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Mechanical Characteristics		
Approx. Step		307.6 Kg/Km
Temperature		-20/+80°C
Min. bending radius		235.5 mm
Electrical Characteristics		
DIGITAL VIDEO	Max. Resistance at 20 ºC Insulation Resistance Impedance Capacitance Propagation Speed Test Voltage	62.8 Ω/Km >5000 MΩ × Km 75 Ω 54 pF/m 81 % 1500 V
AUDIO QUAD	Max. Resistance at 20 ºC Insulation Resistance Capacitance Test Voltage	92.2 Ω/Km >1000 MΩ × Km 60 pF/m 1500 V
POWER	Max. Resistance at 20 ºC Insulation Resistance Test Voltage	7.1 Ω/Km >200 MΩ × Km 1500 V

Environment	
Heavy Materials Content	Directive 2002/95/CE
Normative	
Conductor Material	UNE-EN 60228
Insulating Material	UNE-EN 50290

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Review: February 2018