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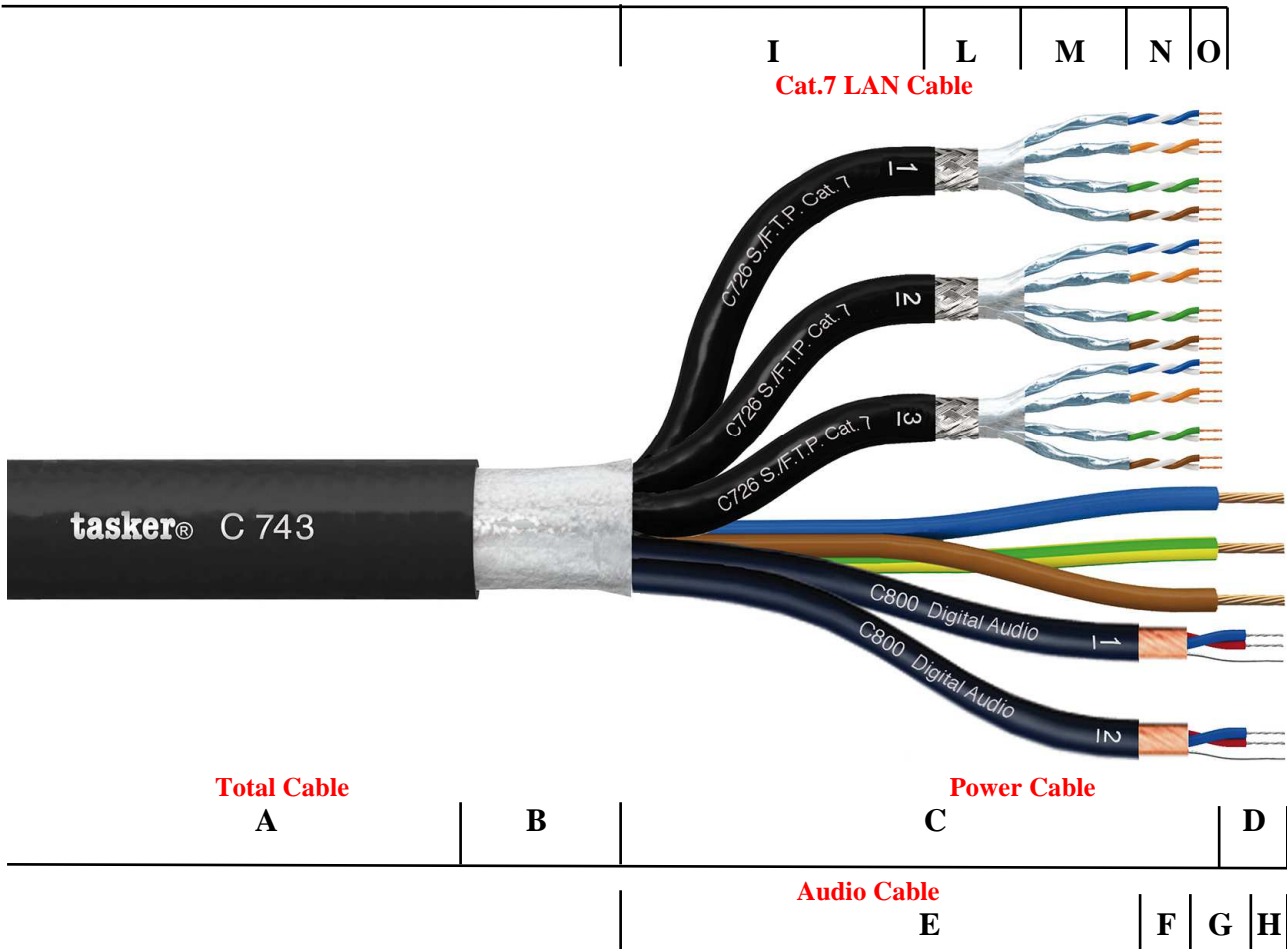
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Technical Datasheet

Firestop tasker® C743 – Komby Cable

✓
RoHS₂
2002/95/EC
2011/65/UE

2x Digital Audio + 3xCat.7 S./S.T.P. + 3x2,50 mm²



CATEGORY Komby LAN Cable (See News Brochure)
APPLICATIONS Broadcast, DMX and LAN installation

- A:** Black **Soft Flame Retardant PVC** Sheath.
Outer cable Diam. Ø 20,80 (±0,20) mm.
- B:** The inner elements are stranded together with polyester based tape.

3x2,50 mm² Power Conductors

- C:** **PVC** conductors insulation.
Colored Brown, Blue and Yellow/Green. Diam. Ø 3,90 (±0,20) mm.
- D:** Stranded formation of 48x0,25 mm in O.F.C. Red Copper.
Nom. Cross section 3x2,50 mm².

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2x(2x0,22) mm² Digital Audio 110 Ohm

- E:** Inner sheaths in **Black Flame Retardant PVC**.
Numbered 1 and 2 - Diam. Ø 4,40 (±0,20) mm.
- F:** Shielding in O.F.C. red copper Spiral, covering 100% + Stranded Drain Wire
- G:** Conductors insulation in **PPE**, colored one Blue and one Red.
Diam. Ø 1,50 (±0,20) mm.
- H:** Stranded formation of 28x0,10 mm in O.F.C. tinned Copper
Nom. Cross section 2x0,22 mm².

2x(4x2x0,14) mm² Cat.7 S./S.T.P.

- I:** Black inner sheath in **Flame Retardant PVC**.
Numbered 1, 2 and 3. Diam. Ø 6,40 (±0,20) mm.
- L:** Total shielding with O.F.C. tinned copper braid covering 65%.
The single pairs are stranded together.
- M:** The four single pair are shielded with aluminum foil tape covering 100%.
- N:** Conductors insulation in Foam Skin Polypropylene, stranded to pairs.
Diam. Ø 1,00 (±0,20) mm. RJ45 compatible. Color Code: White-Blue/Blue,
White-Orange/Orange, White-Green/Green, White-Brown/Brown.
- O:** Stranded formation of 7x0,16 mm in O.F.C. Red Copper
Nom. Cross section 4x2x0,14 mm².

MARKING

**tasker® C743 – 3xCat.7 S./F.T.P. + 2 Digital Audio DMX 110 ohm
 + 3x2,50 mm² Power - O.F.C. – Special Komby Cable – Made In Italy**

CUSTOM

This product may be custom produced also in **LSZH** polymer, **PE**, **PUR**,
 with or without Metallic Armor.

PRODUCTION

Digital Audio Pairs Properties

Conductors Resistance	79,15 Ω/Km
Pairs Capacity	50 pF/m
Capacity Core Shield	95 pF/m
Max Pulling Force	380N
Impedance	110 Ω

Cat. 7 LAN Cables Properties

Max DC Conductor Resistance	148 Ω/Km
Pairs Capacity	47 pF/m
Impedance	100 Ω
Propagation Velocity at 100 MHz	approx. 74%
Propagation Delay at 100 m.	460 nsec

Other Cable Properties

Power Conductors Resistance	6,41 Ω/Km
Max Rated Voltage	49V
Operative Temperature	-20/+70°C

Cat. 7 LAN Cable Attenuation Test (dB/100 m)

Frequency (MHz)	Max Attenuation
10	8,80
100	28,5
200	41,2
350	55,8
500	67,9
700	77,7

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS2 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa	X	Restricted Mobile	Mobile Limitata	Informazioni	X	Ver. A / 10.05.18
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			