

MILAN S.r.l. a socio unico

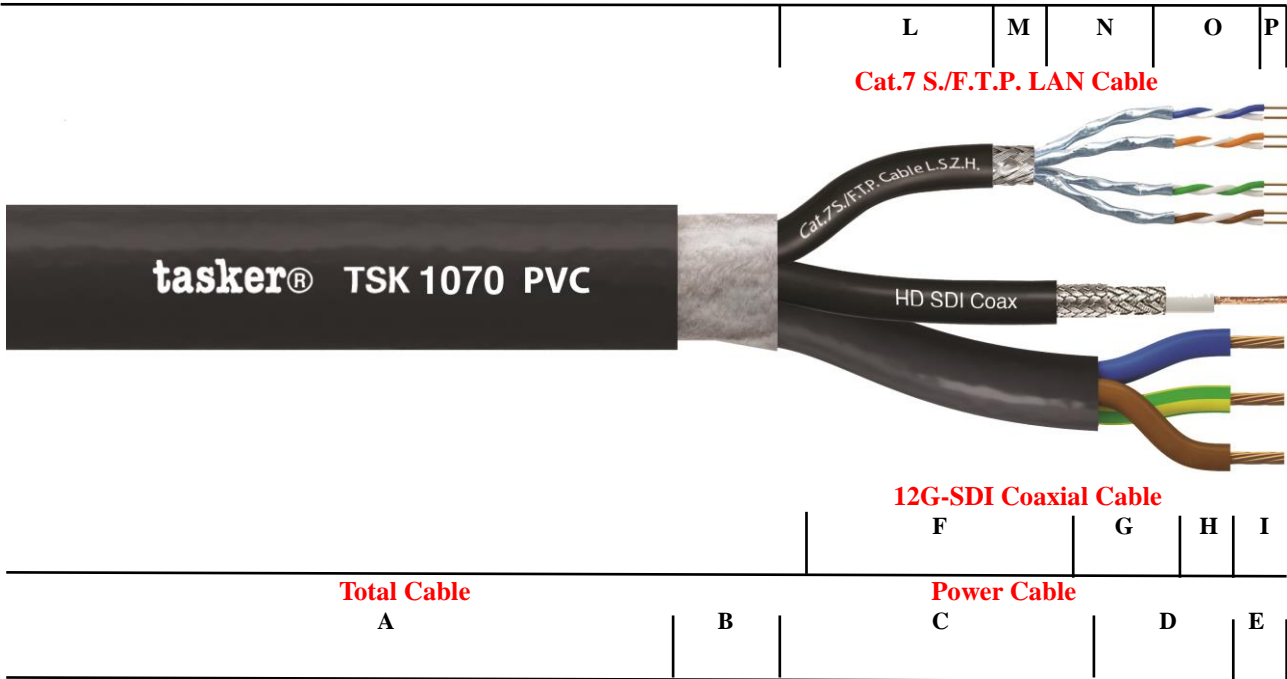
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Technical Datasheet

tasker® TSK1070 PVC Komby Cable

12G-SDI Video Cable + S./F.T.P. Cat. 7 + Power



CATEGORY Komby Video Cable (See Video Catalogue).
APPLICATIONS Video and data integrated systems and broadcast at 12Gb/s.

- A:** Black **PVC** Sheath. Outer Diam. Ø 19,50 (±0,20) mm.
- B:** Grouping with unweaved polyester tape and textile fillers between cables.

Power Cable 3x1,50 mm²

- C:** Black **Soft PVC** Sheath. Diam. Ø 7,00 (±0,20) mm.
- D:** **PVC** Sheath. Diam. Ø 2,30 (±0,20) mm.
Color Code: Blue, Brown and Yellow/Green.
- E:** Stranded formation 30x0,25 mm in O.F.C. Red Copper.
Nom. Cross section 3x1,50 mm².

T42 PVC 12G-SDI Coaxial Cable

- F:** Black **PVC** Sheath. Outer Diam. Ø 7,10 (±0,20) mm.
- G:** Double braid Shielding in O.F.C. tinned copper, covering 89 and 86% each.
- H:** Core Insulation with **Foam PE**. Diam. Ø 4,80 (±0,20) mm.
- I:** Stranded formation in O.F.C. Red Copper 7x0,40 mm.
Nom. Cross section 1x0,88 mm².

C726 PVC Cat.7 S./F.T.P. LAN Cable

- L:** Black **Flame Retardant PVC** Sheath. Diam. Ø 6,30 (±0,20) mm.

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- M:** First shielding with a Braid of O.F.C. tinned copper shield covering 65%.
- N:** Second shielding with aluminum/polyester tape, covering 100%, on each single pairs.
- O:** Foam-skin polyethylene. Diam.1,00 (±0,20) mm.
 Core Colors: white-blue/Blue, white-orange/Orange, white-green/Green, white-brown/Brown.
- P:** Stranded formation in O.F.C. Red Copper - formation 7x0,16 mm.
 Nom. Cross section 4x2x0,14 mm².

MARKING

tasker[®] TSK1070 Soft – 4x2x0,14 + 1x0,88 + 3x1,50 mm² + Cat. 7 + 12GSDI + Power – Special Application Komby Cable - Made In Italy

CUSTOM PRODUCTION

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

NOTE

Recommended installation distances for 4 and 8K are estimated on SMPTE standards, the real maximum lengths depend on the equipment used, assembled connectors and environmental circumstances.

T42 PVC Coaxial Cable 12G-SDI Properties

Conductor Resistance	21 Ω/Km
Capacity Core/Shield	53,0 pF/m
Velocity of Propagation	86%
Impedance	75 Ω
Nom. Delay	4,1 ns/m
HD-SDI Max Distance	100 m
Operative Temperature	-15/+70°C

C726 PVC Cat.7 Properties

Cat.7 LAN Conductor Resistance	143 Ω/Km
Pair Capacity	44 pF/m
Cat.7 LAN Impedance	100 Ω
Propagation Velocity	77%
Propagation Delay	490 nsec./100 m

Attenuation dB/100 m.

10 MHz	2,03
100 MHz	6,71
1000 MHz	22,5
2000 MHz	33,98
3000 MHz	44,96
4500 MHz	52,79
6000 MHz	70,01

Attenuation dB/100 m.

100 MHz	26,20
250 MHz	42,50
350 MHz	51,30
500 MHz	62,20
600 MHz	67,80
750 MHz	77,20

recommended installation distances

HD-SDI	120
3G-SDI	100
6G-SDI	80
12G-SDI	60

Other Cable Properties

Power Conductor Resistance	12,50 Ω/Km
Max Rated Voltage	49V
Cable Operative Temperature	-20/+70°C

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 / 24.06.20
		Outdoor	Esterno		X	Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			