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## Technical Datasheet

# tasker® T42 PVC – 7x0.40/4.80/7.10

## 12G-SDI Coaxial Video Cable 75 Ω



**CATEGORY** HD-SDI cable (See News Brochure)  
**APPLICATIONS** HD-SDI video installation and Broadcast over 12Gb/s

- A:** Extra Flex **PVC** Sheath. Available in different colors.  
Outer Diam. Ø 7,10 (±0,20) mm.
- B:** First Shielding O.F.C. tinned copper Braid covering 89%
- C:** Second Shielding O.F.C. tinned copper Braid covering 86%.
- D:** Core Insulation with Gas Inject Foam PE. Diam. Ø 4,80 (±0,20) mm.
- E:** O.F.C. Red Copper stranded formation 7x0,40 mm.  
Nom. Cross section 1x0,88 mm<sup>2</sup>.

**MARKING** **tasker®** T42 PVC – 1x0,88 mm<sup>2</sup> (75Ω) – O.F.C. - GAS INJECTED FHDPE – EXTRA-FLEX PVC SHEATH COAX VIDEO HDTV/SDI CABLE -  
 - Made in Italy

**CUSTOM PRODUCTION** This product may be custom produced also in **L.S.Z.H.** polymer, **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.

### Cable Properties

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

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**Attenuation dB/100 m.**

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

**recommended installation distances**

<b>HD-SDI</b>	120
<b>3G-SDI</b>	100
<b>6G-SDI (4K)</b>	80
<b>12G-SDI (8K)</b>	60

<b>USE</b>	<b>X</b>	Indoor	Interno Edificio	<b>INSTALLATION</b>	<b>X</b>	Fixed	Fissa	<b>INFORMATION</b>	<b>X</b>	RoHS3 Compliant
<b>Impiego</b>	<b>X</b>	Outdoor Limited	Esterno Limitato	<b>Posa</b>	<b>X</b>	Restricted Mobile	Mobile Limitata	<b>Informazioni</b>	<b>X</b>	Ver. B / 07.01.19
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			