

MILAN S.r.l. a socio unico

Head Office – Export department:  
Viale Europa, 74  
20090 Cusago (MI) Italy  
T. +39 02 9039.4556-4158  
F. +39 02 9039.4551  
www.taskercables.com

Ufficio Commerciale e Centro Distribuzione  
Viale Europa 72 Strada F12  
20090 Cusago (MI) Italy  
T. +39 02 9039.0037-0059  
F. +39 02 9039.0049  
www.tasker.it

## Technical Datasheet **RoHS<sub>3</sub>**

### **tasker® T442 PVC Multi 12G-SDI Coaxial Cable 75 Ω**



**CATEGORY**  
**APPLICATIONS**

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

- A:** Black or Green **Soft PVC** sheath. Outer Diam. Ø:22,00 (±0,20) mm.
- B:** Single coaxial Cables sheathed in black or Green **PVC**.  
Diam. Ø:7,10 (±0,20) mm.
- C:** Double Braid Shielding in O.F.C. tinned copper covering  
respectively 89 and 86%.
- D:** Core Insulation with Foam Skin PE. Diam. Ø 4,80 (±0,20) mm.
- E:** O.F.C. Red Copper stranded formation 7x0,40 mm.  
Nom. Cross section 4x1x0,80 mm<sup>2</sup>.

**MARKING**

**tasker®** T442 PVC – 4x(7x0,40/4,80/7,10) - O.F.C. – Multi-coaxial 75 ohm  
HDSDI Cable – Made in Italy

**CUSTOM**  
**PRODUCTION**  
**NOTE**

This product may be custom produced also in **LSZH, PE, PUR**,  
with or without Metallic Armor.  
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>	21,00 Ω/Km
<b>Velocity of Propagation</b>	86%
<b>Impedance</b>	75 Ω
<b>Min. bending Radius (fix)</b>	8xO.D.
<b>Min. bending Radius (Mobile)</b>	10xO.D.
<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>	60
<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>		Outdoor Limited	Esterno Limitato	<b>Posa</b>	<b>X</b>	Restricted Mobile	Mobile Limitata	<b>Informazioni</b>	<b>X</b>	Ver. B / 07.01.23
		Outdoor	Esterno		<b>X</b>	Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			