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## Technical Datasheet **tasker® T442 PVC** **RoHS<sub>3</sub>** **Multi 12G-SDI Coaxial Cable 75 Ω - 100 meters installation**



**CATEGORY** Multi-coaxial Coaxial cable 75 Ω  
**APPLICATIONS** HDTV and HD-SDI video installation

- A:** Black or Green **Soft PVC** sheath. Outer Diam. Ø:21,80 (±0,20) mm.
- B:** Single coaxial Cables sheathed in black or Green **PUR** and numbered. 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 Soft – 4x(7x0,40/4,80/7,10) - O.F.C. – Multi-coaxial 75 ohm HDSDI Cable – Made in Italy

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

### 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</b>	70
<b>12G-SDI</b>	70

<b>USE</b>	<b>X</b>	Indoor	Interno Edificio
<b>Impiego</b>	<b>X</b>	Outdoor Limited	Esterno Limitato
		Outdoor	Esterno
		Outdoor Direct Burial	Esterno Interrato

<b>INSTALLATION</b>	<b>X</b>	Fixed	Fissa
<b>Posa</b>	<b>X</b>	Restricted Mobile	Mobile Limitata
	<b>X</b>	Mobile	Mobile
		Mobile in Drag Chain	Mobile in Catena

<b>INFORMATION</b>	<b>X</b>	RoHS3 Compliant
<b>Informazioni</b>	<b>X</b>	Ver. B / 07.01.19