

## Technical Datasheet

# tasker<sup>®</sup> T442 PUR 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 **PUR** sheath. Flame Retardant, Halogen Free, UV, water, chemical and oil resistant. Outer Diam. Ø:21,50 (±0,20) mm.
- B:** Single coaxial Cables sheathed in black **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<sup>®</sup> T442 PUR** – 4x(7x0,40/4,80/7,10) - O.F.C. – multi-coaxial 75 ohm HDSDI Cable – OUTDOOR - FirestoP<sup>®</sup> - Halogen Free - Made in Italy

### CUSTOM PRODUCTION

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

### NOTE

Recommended installation distances 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>	-40/+80°C

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**Attenuation dB/100 m**

<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>SMPTE Standard</b>	425-4	2081-1	2082-1
	3G-SDI	6G-SDI	12G-SDI
<b>Max Distances (m)</b>	74	57	57

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