

## Technical Datasheet

### **tasker® T442 PVC**

### Multi 12G-SDI Coaxial Cable 75 Ω



**CATEGORY**  
**APPLICATIONS**

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

- A:** Black PVC sheath.  
Outer Diam. Ø:22,00 (±0,20) mm.
- B:** Single coaxial Cables sheathed in black 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>. (18 AWG)

**MARKING**

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

**NOTE**

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

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**Section A-A'**



**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

**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

**Recommended connectors**

<b>Neutrik Code</b>	<b>tasker Code</b>	<b>Use</b>
NBNC75BUU11	TN465	3G-SDI applications
NBNC75BUU11X	TN466	6-12G-SDI applications

<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			