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FirestoP® Technical Datasheet **Halogen Free** **RoHS₃**

tasker® 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 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 mm².

MARKING

tasker® T442 PUR – 4x(7x0,40/4,80/7,10) - O.F.C. – Multi-coaxial 75 ohm HDSDI Cable – OUTDOOR - FirestoP® - 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 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

Conductor Resistance	21,00 Ω/Km
Velocity of Propagation	86%
Impedance	75 Ω
Min. bending Radius (fix)	8xO.D.
Min. bending Radius (Mobile)	10xO.D.
Operative Temperature	-40/+80°C

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Attenuation dB/100 m

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

Recommended Installation Distances

HD-SDI	120
3G-SDI	100
6G-SDI (4K)	60
12G-SDI (8K)	60

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