

Technical Datasheet

tasker® T42 PUR – 7x0.40/4.80/7.10

12G-SDI Coaxial Video Cable 75 Ω - Outdoor Use



CATEGORY
APPLICATIONS

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

- A:** Extra Flex black Polyurethane **PUR** Sheath for outdoor. Flame Retardant, Halogen Free, UV, water, chemical and oil resistant. Outer Diam. Ø 7,10 (±0,20) mm.
- B:** First Shielding O.F.C. tinned copper Braid covering 89%
- C:** Second Shielding O.F.C. tinned copper Braid covering 86%.
- D:** Core Insulation with Gas Inject Foam PE. Diam. Ø 4,80 (±0,20) mm.
- E:** O.F.C. Red Copper stranded formation 7x0,40 mm. Nom. Cross section 1x0,88 mm². (18 AWG).

MARKING

tasker® T42 PUR – 1x0,88 mm² (75Ω) – O.F.C. - GAS INJECTED FHDPE – EXTRA-FLEX PUR SHEATH COAX VIDEO HDTV/SDI CABLE - FirestoP® - Halogen Free - Made in Italy

CUSTOM PRODUCTION

This product may be custom produced also in **L.S.Z.H.** polymer, **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

Conductor Resistance	21 Ω/Km
Capacity Core/Shield	53,0 pF/m
Velocity of Propagation	86%
Impedance	75 Ω
Nom. Delay	4,1 ns/m
Operative Temperature	-40/+80°C

Attenuation dB/100 m.

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

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

Recommended connectors

Neutrik Code	tasker Code	Use
NBNC75BUU11	TN465	3G-SDI applications
NBNC75BUU11X	TN466	6-12G-SDI applications

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. C / 14.11.25
		Outdoor	Esterno		X	Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato		X	Mobile in Drag Chain	Mobile in Catena			