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Technical Datasheet

Halogen Free

tasker® T42 PUR – 7x0.40/4.80/7.10

FirestoP®

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 Polyurethane **PUR** Sheath. Available in different colors. Flame Retardant, Halogen Free, UV, water, chemical and oil resistant. Cable suitable for Drag Chain and Outdoor installations. 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.

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 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 Ω/Km
Capacity Core/Shield	53,0 pF/m
Velocity of Propagation	86%
Impedance	75 Ω
Nom. Delay	4,1 ns/m
HD-SDI Max Distance	100 m
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	110
3G-SDI	100
6G-SDI (4K)	60
12G-SDI (8K)	60

Drag Chain Test

Min. bending Radius Moved	14 x O.D.
Max Number of Cycle	500000
Max Speed	3,3 m/s
Max Accellation	4,0 m/s ²

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 / 07.01.19
	X	Outdoor	Esterno		X	Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato		X	Mobile in Drag Chain	Mobile in Catena			