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Technical Datasheet

FirestoP® tasker® TSK 1080 L.S.Z.H. – 1.65/7.20/10.30

Halogen Free

12G-SDI - Coaxial Cable 75 Ω

RoHS₃



A	B	C	D	E
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CATEGORY Coaxial cable 75 Ω (See Video Catalogue)

APPLICATIONS Digital video for broadcast and high definition video installation

- A:** Black **L.S.Z.H.** sheath. Flame Retardant and Halogen Free. Outdoor Limited. Outer cable Diam. Ø 10,30 (±0,20) mm.
- B:** First Shielding O.F.C. tinned copper Braid covering 95%.
- C:** Second Shielding in Aluminum foil tape, covering 100 %.
- D:** Core Insulation with Foam PE. Diam. Ø 7,20 (±0,20) mm.
- E:** Stiff Wire formation 1x1,65 mm in OFC Red Copper. Nom. Cross section 1x2,00 mm².

MARKING **tasker® TSK1080 LSZH – 75Ω – 14 AWG - O.F.C.- GAS INJECTED FHDPE – BROADCAST COAX VIDEO HD- SDI CABLE – FirestoP®- Halogen Free – Made in Italy**

CUSTOM PRODUCTION This product may be custom produced also in **PVC, PE, PUR**, with or without Metallic Armor and with sheath colors Lilac 4001, Turquoise 6034 or Blu RAL 5018.

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	8,20 Ω/Km
Capacity Core/Shield	53 pF/m.
Velocity of Propagation	84%
Impedance	75 Ω
Nom. Delay	4,0 ns/m.
Operative Temperature	-30/+70°C

Attenuation dB/100 m.

1 MHz	0,62
10 MHz	1,39
100 MHz	4,73
1000 MHz	12,90
2000 MHz	18,20
3000 MHz	23,50
6000 MHz	36,20

recommended installation distances

HD-SDI	200
3G-SDI	170
6G-SDI (4K)	170
12G-SDI (8K)	100

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 / 26.07.2021
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			