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## Technical Datasheet

# **Firestop®** **tasker®** TSK 1078 L.S.Z.H. – 0.80/3.50/6.00 mm **Halogen Free** **12G-SDI Coaxial Cable 75 Ω**



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

- A:** Black **L.S.Z.H.** sheath. Flame Retardant and Halogen Free. Outdoor Limited. Outer Diam. Ø 6,00 (±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 3,50 (±0,20) mm.
- E:** Stiff Wire formation 1x0,80 mm in O.F.C. Red Copper. Nom. Cross section 1x0,50 mm<sup>2</sup>.

**MARKING** **tasker®** TSK1078 LSZH – 75Ω – 20 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 other sheath colors.

**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	38 Ω/Km
Capacity Core/Shield	53 pF/m.
Velocity of Propagation	83%
Impedance	75 Ω
Nom. Delay	4,0 ns/m.
Operative Temperature	-30/+70°C

### Attenuation dB/100 m.

10 MHz	2,03
100 MHz	7,31
1000 MHz	24,60
2000 MHz	36,74
3000 MHz	50,11
4500 MHz	67,64

### recommended installation distances

HD-SDI	150
3G-SDI	130
6G-SDI (4K)	88
12G-SDI (8K)	55

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS2 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa	X	Restricted Mobile	Mobile Limitata	Informazioni	X	Ver. C / 26.07.21
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			