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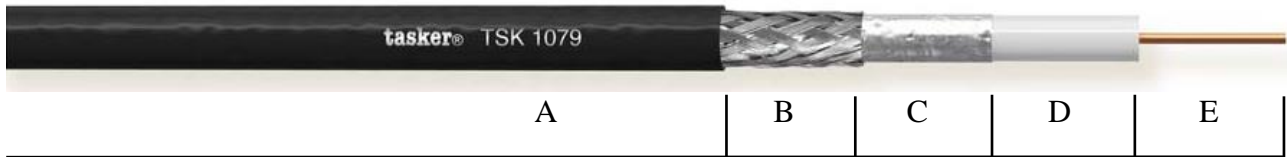
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## Technical Datasheet



# tasker® TSK 1079 L.S.Z.H. – 1.00/4.60/7.00 mm

## Firestop® 12G-SDI Coaxial Cable 75 Ω Halogen Free



**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: 7,00 (±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 4,60 (±0,20) mm.
- E:** Stiff Wire formation 1x1,00 mm in OFC Red Copper. Nom. Cross section 1x0,80 mm<sup>2</sup>.

**MARKING** tasker® TSK1079 75Ω - 18 AWG O.F.C. – GAS INJECTED FHDPE – LSZH – BROADCAST COAX VIDEO HDTV / SDI CABLE

**CUSTOM PRODUCTION** This product may be custom produced also in **L.S.Z.H.** polymer, **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	21 Ω/Km
Capacity Core/Shield	53 pF/m.
Velocity of Propagation	82%
Impedance	75 Ω
Nom. Delay	4,1 ns/m.
Operative Temperature	-30/+70°C

### Attenuation dB/100 m

10 MHz	2,03
100 MHz	6,71
1000 MHz	20,00
2000 MHz	29,00
3000 MHz	36,00
4500 MHz	46,00

### recommended installation distances

HD-SDI	140
3G-SDI	120
6G-SDI (4K)	100
12G-SDI (8K)	70

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			