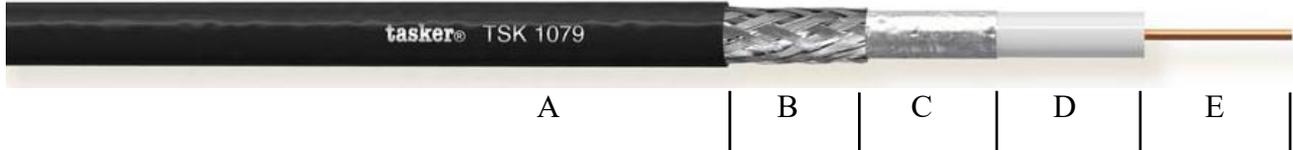


## Technical Datasheet

# tasker® TSK 1079 L.S.Z.H. – 1.00/4.60/7.00 mm 12G-SDI Coaxial Cable 75 Ω



**CATEGORY**  
**APPLICATIONS**

HD-SDI cable (See Video Catalogue)  
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>. (18 AWG)

**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**

<b>Conductor Resistance</b>	21 Ω/Km
<b>Capacity Core/Shield</b>	53 pF/m.
<b>Velocity of Propagation</b>	82%
<b>Impedance</b>	75 Ω
<b>Nom. Delay</b>	4,1 ns/m.
<b>Operative Temperature</b>	-30/+70°C

**Attenuation dB/100 m**

<b>100 MHz</b>	5,73
<b>1000 MHz</b>	20,78
<b>2000 MHz</b>	29,72
<b>3000 MHz</b>	36,28
<b>4500 MHz</b>	46,40
<b>6000 MHz</b>	57,80

**Recommended installation distances**

SMPTE Standard	425-4	2081-1	2082-1
	3G-SDI	6G-SDI	12G-SDI
<b>Max Distances (m)</b>	156	105	70

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