

MILAN S.r.l. a socio Unico

Head Office - Export Department  
Viale Europa, 74  
20047 Cusago (MI) Italy  
Tel. +39 02 9039.4556 - 4158  
www.taskercables.com

Ufficio Commerciale e Distribuzione  
Viale Europa, 72 Strada F12  
20047 Cusago (MI) Italy  
Tel. +39 02 9039.0037 - 0059  
www.tasker.it

Capitale Sociale € 100.000,00 i.v.  
Cod. Fisc. e RIVA/VAT Nr. IT 03835660154  
R.E.A. MI 975732 Reg. Imprese MI 178864-5179-14  
PEC: taskerpec@legalmil.it

**FirestoP®**

**Halogen Free**

**RoHS<sub>3</sub>**

# Technical Datasheet

## tasker® TSK 1078 L.S.Z.H. – 0.80/3.50/6.00 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 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>. (20 AWG).

**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**  
**NOTE**

This product may be custom produced also in **PVC, PE, PUR**, with or without Metallic Armor and with other sheath colors. 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>	38 Ω/Km
<b>Capacity Core/Shield</b>	53 pF/m.
<b>Velocity of Propagation</b>	83%
<b>Impedance</b>	75 Ω
<b>Nom. Delay</b>	4,0 ns/m.
<b>Operative Temperature</b>	-30/+70°C

**Attenuation dB/100 m.**

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

**Recommended installation distances**

SMPTE Standard	425-4	2081-1	2082-1
	3G-SDI	6G-SDI	12G-SDI
<b>Max Distances (m)</b>	129	86	55

<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			