

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 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 mm².

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

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

recommended installation distances

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

USE	X	Indoor	Interno Edificio
Impiego	X	Outdoor Limited	Esterno Limitato
		Outdoor	Esterno
		Outdoor Direct Burial	Esterno Interrato

INSTALLATION	X	Fixed	Fissa
Posa	X	Restricted Mobile	Mobile Limitata
		Mobile	Mobile
		Mobile in Drag Chain	Mobile in Catena

INFORMATION	X	RoHS2 Compliant
Informazioni	X	Ver. C / 26.07.21