

Technical Datasheet

tasker® TSK 1077 L.S.Z.H. – 0.60/2.80/4.40 mm 12G-SDI Coaxial Cable 75 Ω

FirestoP®

Halogen Free

RoHS₃



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 application. Outer Diam. Ø 4,40 (±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 2,80 (±0,20) mm.
- E:** Stiff Wire formation 1x0,60 mm in O.F.C. Red Copper. Nom. Cross section 1x0,26 mm².

MARKING

tasker® TSK1077 LSZH – 75Ω – 23 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 sheath colors Green RAL6018, Lilac 4001 or Turquoise 6034.

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	62 Ω/Km
Capacity Core/Shield	56 pF/m.
Velocity of Propagation	80%
Impedance	75 Ω
Nom. Delay	4,0 ns/m.
Operative Temperature	-30/+70°C

Attenuation dB/100 m.

10 MHz	3,31
100 MHz	11,80
1000 MHz	38,07
2000 MHz	54,48
3000 MHz	69,47
4500 MHz	88,89

recommended installation distances

HD-SDI	80
3G-SDI	80
6G-SDI (4K)	67
12G-SDI (8K)	44

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