

Technical Datasheet

tasker® TSK 1080 L.S.Z.H. – 1.65/7.20/10.30 12G-SDI - Coaxial Cable 75 Ω

Halogen Free

FirestoP®

RoHS₃



A	B	C	D	E
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CATEGORY Coaxial cable 75 Ω (See Video Catalogue)
APPLICATIONS Digital video for broadcast and high-definition video installation

- A:** Black L.S.Z.H. sheath. Flame Retardant and Halogen Free.
Outdoor Limited. Outer cable Diam. Ø 10,30 (±0,20) mm.
- B:** First Shielding O.F.C. tinned copper Braid covering 94%.
- C:** Second Shielding in Aluminum foil tape, covering 100 %.
- D:** Core Insulation with Gas Expanse PE. Diam. Ø 7,20 (±0,20) mm.
- E:** Stiff Wire formation 1x1,65 mm in OFC Red Copper.
Nom. Cross section 1x2,00 mm².

MARKING tasker® TSK1080 LSZH – 75Ω – 14 AWG - O.F.C. – 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 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	5,00 Ω/Km
Capacity Core/Shield	53 pF/m
Velocity of Propagation	84%
Impedance	75 Ω
Nom. Delay	4,0 ns/m.
Insulation voltage	6,0 KV
Operative Temperature	-30/+70°C

Attenuation dB/100 m.

100 MHz	4,73
400 MHz	8,00
800 MHz	11,50
1000 MHz	12,90
2000 MHz	18,50
3000 MHz	23,50
6000 MHz	36,20

Recommended installation distances

SMPTE Standard	425-4	2081-1	2082-1
	3G-SDI	6G-SDI	12G-SDI
Max Distances (m)	244	170	112

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS3 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa	X	Restricted Mobile	Mobile Limitata	Informazioni	X	Ver. C / 26.07.2021
		Outdoor	Esterno			Mobile	Mobile			
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			