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 **RoHS₃**

 **Halogen Free**

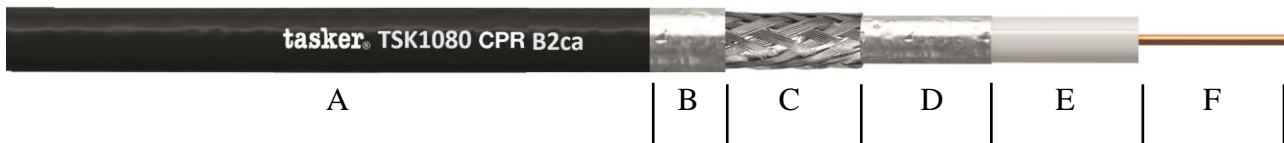
 **FirestoP[®]**

Technical Datasheet



tasker[®] TSK 1080 CPR B2ca s1a-d1-a1

1.63/7.20/10.30 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. RAL9003. Flame Retardant and Halogen Free. Outer Diam. Ø: 10,30 (±0,20) mm.
- B:** First shielding in aluminum foil tape, covering 100 %.
- C:** Second shielding O.F.C. tinned copper braid covering 63%.
- D:** Third shielding in aluminum foil tape, covering 100 %.
- E:** Core Insulation with gas injected PE. Diam. Ø 7,20 (±0,20) mm.
- F:** Stiff Wire formation 1x1,63 mm in OFC Red Copper. Nom. Cross section 1x2,00 mm².

MARKING

tasker[®] TSK1080 CPR B2ca -- 1,63/7.20/10.30 (75Ω) – 12G-SDI Coaxial Cable for Fix Installation – Euroclass B2ca s1a-d1-a1 – EN50117-9-2 - CEI-UNEL 36762 C-4 (U0 = 400V) - L.S.Z.H. - Halogen Free - FirestoP[®] - Made in Italy

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	8,50 Ω/Km
Capacity Core/Shield	52 pF/m.
Velocity of Propagation	85%
Impedance	75 Ω
Min. Bending Radius	10 x O.D.
Operative Temperature	-30/+70°C

Attenuation dB/100 m

1000 MHz	12,80
1500 MHz	17,00
2000 MHz	19,40
3000 MHz	24,50
4500 MHz	31,12
6000 MHz	36,20

recommended installation distances

HD-SDI	260
3G-SDI	242
6G-SDI (4K)	171
12G-SDI (8K)	112

USE	X	Indoor	Interno Edificio	INSTALLATION	X	Fixed	Fissa	INFORMATION	X	RoHS2 Compliant
Impiego	X	Outdoor Limited	Esterno Limitato	Posa		Restricted Mobile	Mobile Limitata	Informazioni	X	CPR B2ca Compliant
	X	Outdoor	Esterno			Mobile	Mobile		X	Ver. A / 11.07.24
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			