

Technical Datasheet

tasker® TSK 1079 CPR Cca-s1a-d1-a1 1.13/4.80/7.00 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. RAL9003. Flame Retardant and Halogen Free. Outer Diam. Ø: 7,00 (±0,20) mm.
- B:** First shielding with removable aluminum foil tape, covering 100 %.
- C:** Second shielding O.F.C. tinned copper braid covering 71%.
- D:** Third shielding in aluminum foil tape, covering 100 %.
- E:** Core Insulation with gas injected PE. Diam. Ø 4,80 (±0,20) mm.
- F:** Stiff Wire formation 1x1,13 mm in OFC Red Copper. Nom. Cross section 1x1,00 mm².

MARKING

tasker TSK1079 CPR Cca — 1,13/4.80/7.00 (75 Ohm) – 12G-SDI Coaxial Cable for Fix Installation – Euroclass Cca-s1a-d1-a1 – EN 50117-9-2 – CAVELTS713C – 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.
To obtain better attenuation losses do not remove foil over dielectric during the cable connection.

Cable Properties

Conductor Resistance	18,00 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	18,60
1500 MHz	22,40
2000 MHz	28,50
3000 MHz	34,00
4500 MHz	40,30
6000 MHz	47,60

Recommended installation distances

SMPTE Standard	425-4	2081-1	2082-1
	3G-SDI	6G-SDI	12G-SDI
Max Distances (m)	182	120	78

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 Cca Compliant
	X	Outdoor	Esterno			Mobile	Mobile		X	Ver. B / 11.07.24
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			