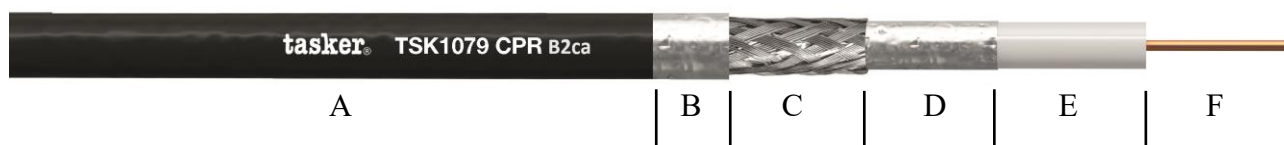




Technical Datasheet

tasker® TSK 1079 CPR B2ca 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 in 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 B2ca -- 1,13/4.80/7.00 (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	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 B2ca Compliant
	X	Outdoor	Esterno			Mobile	Mobile		X	Ver. B / 11.07.24
		Outdoor Direct Burial	Esterno Interrato			Mobile in Drag Chain	Mobile in Catena			