tasker Since 1977 the excellence of Made in Italy

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Capitale Sociale € 100.000,00 i.v.
Cod. Fisc. e RIVA/VAT Nr. IT 03835660154
RE.A. MI 975732 Reg. Imprese MI 178864-5179-14
PEC: taskerpec@legalmail.it

Technical Datasheet
tasker® T643 NBR
Multi 12G-SDI Coaxial Cable 75 Ω

RoHS 3



A	B	C	D	E

CATEGORY HD-SDI cable (See Video Catalogue)

APPICATIONS HD-SDI video installation and Broadcast over 12Gb/s

A: Black **Nitrile (NBR)** sheath. UV, water, chemical and oil resistant.
Outer Diam. Ø:26,50 (±0,20) mm.

B: Single coaxial Cables sheathed in black **PVC**.
Diam. Ø:6,80 (±0,20) mm.

C: O.F.C. tinned copper braid shielding covering 75%.
Aluminum/pet/aluminum foil tape covering 100%.

D: Core Insulation with Foam Skin PE. Diam. Ø 4,80 (±0,20) mm.

E: O.F.C. Red Copper stranded formation 7x0,40 mm.
Nom. Cross section 6x1x0,80 mm². (18 AWG)

MARKING **tasker®** T643 NBR – 6x(7x0,40/4,80/7,00) - O.F.C. – multi-coaxial 75 ohm - 12G-SDI Cable – Outdoor Use - Made in Italy

NOTE Recommended installation distances are estimated on SMPTE standards, the real maximum lengths depend on the equipment used, assembled connectors and environmental circumstances.

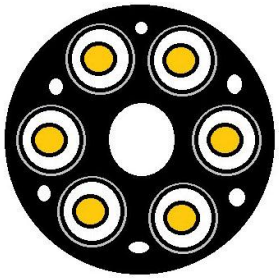
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Section A-A'



Cable Properties

Conductor Resistance	21,00 Ω/Km
Velocity of Propagation	80%
Impedance	75 Ω
Min. bending Radius (fix)	8xO.D.
Min. bending Radius (Mobile)	10xO.D.
Operative Temperature	-30/+70°C

Attenuation dB/100 m

50 MHz	4,50
200 MHz	8,60
1000 MHz	19,90
2000 MHz	30,20
3000 MHz	30,40
6000 MHz	51,50

Recommended installation distances

SMPTE Standard	425-4	2081-1	2082-1
	3G-SDI	6G-SDI	12G-SDI
Max Distances (m)	162	111	78

Recommended connectors

Neutrik Code	**tasker Code**	**Use**
NBNC75BUU11	TN465	3G-SDI applications
NBNC75BUU11X	TN466	6-12G-SDI applications

USE	**X**	Indoor	Interno Edificio
Impiego	**X**	Outdoor Limited	Esterno Limitato
	X	Outdoor	Esterno
		Outdoor Direct Burial	Esterno Interrato

INSTALLATION	**X**	Fixed	Fissa
Posa	**X**	Restricted Mobile	Mobile Limitata
	X	Mobile	Mobile
		Mobile in Drag Chain	Mobile in Catena

INFORMATION	**X**	RoHS3 Compliant
Informazioni	**X**	Ver. A / 07.01.26