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Technical Datasheet

tasker® T43 PVC – 7x0.40/4.80/7.00

12G-SDI Coaxial Video Cable 75 Ω



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

- A:** Extra Flex **PVC** Sheath. Available in different colors.
Outer Diam. Ø 7,00 (±0,20) mm.
- B:** O.F.C. tinned copper braid shielding covering 75%
- C:** Aluminum/pet/aluminum foil tape covering 100%
- D:** Core Insulation special foam PE. Diam. Ø 4,80 (±0,20) mm.
- E:** O.F.C. Red Copper stranded formation 7x0,40 mm.
Nom. Cross section 1x0,88 mm².

MARKING **tasker®** T43 PVC – 1x0,88 mm² (75Ω) – O.F.C. – EXTRA-FLEX PVC
SHEATH COAX VIDEO HD-SDI CABLE - Made in Italy

CUSTOM PRODUCTION This product may be custom produced also in **L.S.Z.H.** polymer, **PE, PUR**,
with or without Metallic Armor.

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 | 21 Ω/Km |
| Velocity of Propagation | 80% |
| Impedance | 75 Ω |
| Operative Temperature | -10/+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

| | |
|---------------------|-----|
| HD-SDI | 117 |
| 3G-SDI | 110 |
| 6G-SDI (4K) | 100 |
| 12G-SDI (8K) | 78 |

| | | | | | | | | | | |
|----------------|-------------------------------------|-----------------------|-------------------|---------------------|-------------------------------------|----------------------|------------------|---------------------|-------------------------------------|-------------------|
| USE | <input checked="" type="checkbox"/> | Indoor | Interno Edificio | INSTALLATION | <input checked="" type="checkbox"/> | Fixed | Fissa | INFORMATION | <input checked="" type="checkbox"/> | RoHS3 Compliant |
| Impiego | <input checked="" type="checkbox"/> | Outdoor Limited | Esterno Limitato | Posa | <input checked="" type="checkbox"/> | Restricted Mobile | Mobile Limitata | Informazioni | <input checked="" type="checkbox"/> | Ver. A / 30.05.24 |
| | | Outdoor | Esterno | | <input checked="" type="checkbox"/> | Mobile | Mobile | | | |
| | | Outdoor Direct Burial | Esterno Interrato | | | Mobile in Drag Chain | Mobile in Catena | | | |