

Conductor :

- Solid bare copper
- 1 x 1.04 mm

1st shielding :

- Triplex tape
- (Aluminium/PES/Aluminium)
- Coverage: > 100%

Dielectric :

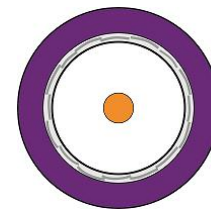
- Physical foam polyethylene
- \varnothing nom. : 4.60 mm

2^{de} shielding :

- Tinned copper braid
- Coverage : 95 %

Sheath :

- Purple LSZH – Flame retardant
- \varnothing nom. : 6.95 mm



PRODUCT INFORMATION

Applications

- Cable for digital HDTV video links.
- Fixed applications for broadcast & television
- LSZH version for public place.

Electrical properties

- Characteristic impedance : **75 Ω**
- Nominal capacitance : **53 pF/m**
- Electrical resistance at 20°C :
 - Inner conductor : **21.00 Ω /km**
 - Outer conductor : **10.20 Ω /km**
- Velocity of propagation : **84%.c**

• Nominal attenuation :

MHz	dB / 100m
• 10	2.40
• 100	6.00
• 500	13.30
• 750	16.40
• 1000	19.30
• 1500	24.00
• 2250	30.00
• 3000	35.00

• Return Loss :

MHz	dB
• 50 - 300	> 25
• 300 - 900	> 20
• 900 - 3000	> 18

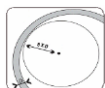
Max. length of links

- SMPTE 292M standard – 1.50 Gb/s HDTV : max. length valided to **220 m.**
 - SMPTE 424M standard – 3.00 Gb/s HDTV : max. length valided to **143 m.**
- Lengths tested and valided by Tektronix company with Neutrik connectors.**

Characteristics



- Temperature range : Fixed : **- 20°C → + 70°C**



- Minimum bending radius : Fixed : **60 mm**



- Conform to RoHS directive



- Flame retardant : **IEC60332-1**
- Determination of halogen rate : **IEC 60754-1**
- Determination of corrosiveness of combustion gas : **IEC 60754-2**



- Conforme **EN 50575 : 2014 + A1 : 2016**
- Classe : **Eca**

Item nb

HD10460LSZH	6.95 mm	58.00	1000 m