

Dielectric :

- Physical foam polyethylene
- Ø nom. : 3.75 mm

1st shielding :

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

2^{de} shielding :

- Tinned copper braid
- Coverage : 93 %

Conductor :

- Solid bare copper
- 1 x 0,80 mm

Sheath :

- Purple LSZH – Flame retardant
- Ø nom. : 6.00 mm



PRODUCT INFORMATIONS

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 : **54 pF/m**
- Electrical resistance at 20°C :
 - Inner conductor : **36.00 Ω/km**
 - Outer conductor : **26.00 Ω/km**
- Velocity of propagation : **84%.c**

• Nominal attenuation :

| MHz | dB / 100m |
|--------|--------------|
| • 50 | 5.80 |
| • 100 | 7.90 |
| • 200 | 11.10 |
| • 400 | 16.00 |
| • 800 | 23.10 |
| • 1000 | 26.00 |
| • 1500 | 32.50 |
| • 3000 | 47.10 |

• Return Loss :

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

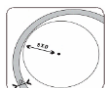
Max. length of links

- SMPTE 292M standard – 1.50 Gb/s HDTV : max. length valided to **190 m.**
 - SMPTE 424M standard – 3.00 Gb/s HDTV : max. length valided to **126 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**
- Determination of smoke density : **IEC 61034-1 et -2**



- Conform to **EN 50575 : 2014 + A1 : 2016**
- Classe : **Eca**

Item nb

|  |  |  |  |
|---|---|--|---|
| HD08370LSZH | 6.00 mm | 37.00 | 1000 m |