

## PRODUCT INFORMATIONS

### Applications

- Cable for digital & HDTV links.
- Mobile applications.
- Transmission over long distance

### Electrical properties

- Characteristic impedance : **75  $\Omega$**
- Nominale capacitance : **54 pF/m**
- Electrical resistance at 20°C :
  - Inner conductor : **21.00  $\Omega$ /km**
  - Outer conductor : **12.00  $\Omega$ /km**

• Nominal attenuation :

MHz	dB / 100m
• 50	<b>4.90</b>
• 100	<b>6.60</b>
• 200	<b>9.10</b>
• 400	<b>13.00</b>
• 800	<b>19.10</b>
• 1000	<b>21.20</b>
• 1500	<b>26.40</b>
• 3000	<b>39.40</b>

• Return Loss :

MHz	dB
• 30 - 900	<b>≥ 25</b>
• 900 - 1500	<b>≥ 20</b>
• 1500 - 3000	<b>≥ 18</b>

## Max. length of links

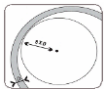
- SMPTE 292M standard – 1.50 Gb/s HDTV : max. length valided to **232 m.**
- SMPTE 424M standard – 3.00 Gb/s HDTV : max. length valided to **150 m.**

**Lengths tested and valided by Tektronix company with Neutrik connectors.**

## Characteristics



- Temperature range : - **10°C** → + **70°C**



- Minimum reuding radius : Static : **70 mm**  
Dynamic : **35 mm**




- Conform to **RoHS** directive



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

## Item nb

			
HD1250FLEXPUR	6.95 mm	53.00	1000 m