



Applications

- Mobile HDTV & UHD TV digital video links
- HDTV video links 1.5 Gb/s (SMPTE 292M compliant) & 3 Gb/s (SMPTE424M compliant)
- UHD 4K video links (SMPTE 2081.1 compliant)

Electrical characteristics

- Impedance : **75 Ω**
- Capacitance : **55 pF/m**
- Electrical linear resistance :
 - Inner conductor : < **40.00 Ω /km**
 - Shield : < **7.80 Ω /km**
- Velocity ratio : **80%.C**

• Linear attenuation :

MHz	dB / 100m
• 50	5.80
• 100	9.84
• 1000	35.43
• 1500	44.62
• 3000	67.90

• Return Loss :

MHz	dB
• 50 - 850	> 20
• 850 - 4500	> 15

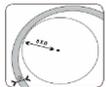
Link lengths

- SMPTE 292M compliant – 1.50 Gb/s HDTV : theoretical max. length **68 m.**
- SMPTE 424M compliant – 3.00 Gb/s HDTV : theoretical max. length **46 m.**
- SMPTE 2081.1 compliant – 6.00 Gb/s 4K UHDTV : theoretical max. length **60 m.**

Propriétés environnementales



- Temperature range : - 20°C → + 80°C



- Bending radius : dynamic : **7 x Ø ext.**



- Conform to **RoHS** directive



- Flame retardant : **IEC60332-1**



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

Part nb

			
UHD08370ULTRA	6.14 mm	37.00	1000 m