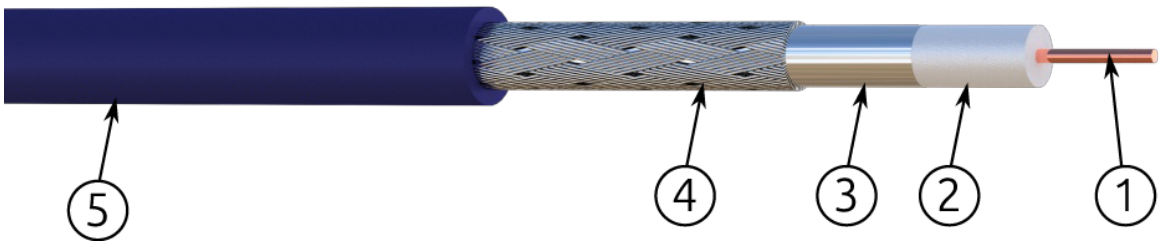
IDEFINITION 61 HD SDI CORDON

Technical specifications



1 Inner conductor
- Material : Annealed copper
- Diameter : Ø0.61±0.005mm

2 Dielectric
- Material : Cellular PE Physical
- Color : Natural
- Diameter : Ø2.70±0.10mm

3 Outer conductor - 1rstLayer
- Material : Thick tape bonded to dielectric
- Alu 20µm/Polyester 15µm/Alu 20µm
- Coverage : ≥125%
- Diameter : Ø2.90±0.10mm

4 Outer conductor - 2ndLayer
- Material : Tinned copper clad aluminum
- Braiding : 16×(6×Ø0.12mm)
- Coverage : 90%

5 Sheath
- Material : PVC-Flam retardant C2
- Color : Blue-RAL5022
- Diameter : Ø4.50±0.10mm

Weight
- Linear mass : 28kg/km

Stripping force/50mm(F)
- Dielectric : 15N≤F≤35N

ELECTRICAL CHARACTERISTICS

- Impedance : 75±2Ω/km
- Capacitance : <58pF/m
- Max DC Resistance at 20°C
  Inner conductor : 65Ω/km
  Outer conductor : 17.2Ω/km
- Propagation velocity : 81%
- Rated voltage : 30V
- Insulation resistance at 20°C : >500MΩ/km
- Longitudinal attenuation

Frequency MHz	Max attenuation dB/100m
5	2.4
30	5.4
100	10.5
300	17.9
500	23.1
1000	32.8
2250	49.8
3000	59.3

- Screening attenuation :
- Attenuation 30-2000MHz : >100dB
- Attenuation 2000-3000MHz : >100dB
- Return loss :

Frequency MHz	Return loss dB
[30 - 1000]	> 23

THERMAL CHARACTERISTICS

- CPR fire reaction Euroclass : Eca
- Rated temperature : 80°C

1, rue du Mollaret 38070 Saint-Quentin-Fallavier FRANCE
Tél. +(33)04.74.95.39.95 - Fax. +(33)04.74.95.39.94
contact@tetradis.com - www.tetradis.com -