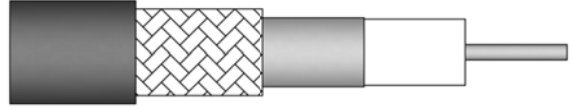


## Description

UHD-0.6/2.6 Broadcast Cable, Applies to 6G-SDI, 12G-SDI, 4KD-Cinema, UHDTV1, UHDTV2.



## Construction

	Material	Diameter (mm)
<b>Center Conductor</b>	SPC	0.584
<b>Dielectric</b>	FPE	2.59
<b>Outer Conductor</b>	AL-PT-AL	2.75
<b>Outer Conductor</b>	TPC	3.40
<b>Jacket</b>	FR-PVC (Black)	4.05

SPC: Silver Plated Copper

FPE: Foam Polyethylene

AL-PT-AL: Aluminium Foil – Polyester Tape – Aluminium Foil

TPC: Tin Plated Copper

FR-PVC: Flame Retardant Polyvinyl Chloride

## Technical Data

### Electrical Data: (Nominal)

Impedance	75Ω
Operating Frequency	12 GHz
Capacitance	53 pF/M
Velocity of Signal Propagation	83%
DCR: Inner Conductor	< 65 Ohm/KM
Outer Conductor	< 18 Ohm/KM
Operating Voltage	300 V rms. max.
Inductance	0.35 μH/m
Signal Delay	4.06 ns/m
Jacket Sparker	2000 VCA
Voltage Withstand (AC)	1000 VCA
Insulation Resistance	> 500 MΩ-KM
Return Loss	5-1600 MHz > 23 dB
	1600-4500 MHz > 21 dB
	4500-12000 MHz > 15 dB

**Mechanical Data :**

Max. Tensile Strength	460 N
Min. Bending Radius	14 mm (Static) 46 mm (Repeated)

**Environmental Data :**

Temperature Range	-20 to 75 °C
Outdoor Installation	-5 °C
2011/65/EU (RoHS2)	Compliant

**Flame Test :**

UL Flame Test	UL1581 VW-1
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**Attenuation**

Frequency (MHz)	Attenuation (dB/M)
5	0.03
10	0.04
55	0.09
100	0.11
270	0.18
540	0.26
720	0.30
1000	0.35
2000	0.50
3000	0.62
4500	0.77
6000	0.91
12000	1.35

**Misc. Information**

Weight	25.3 g/M
Marking	S-CONN UHD-0.6/2.6 HI PERFORMANCE VIDEO CABLE SD/HD/UHD
Package	500 M/Roll