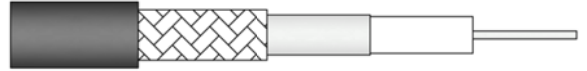


## Description

UHD-179 Broadcast Cable, Applies to 6G-SDI, 12G-SDI, 4KD-Cinema, UHDTV1, UHDTV2.



## Construction

	Material	Diameter (mm)
Center Conductor	SPC	0.31
Dielectric	FPE	1.42
Outer Conductor	AL-PT-AL	1.55
Outer Conductor	TPC	1.95
Jacket	PVC (Black)	2.55

SPC: Silver Plated Copper

FPE: Foam Polyethylene

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

TPC: Tin Plated Copper

PVC: Polyvinyl Chloride

## Technical Data

### Electrical Data: (Nominal)

Impedance	75Ω
Operating Frequency	12 GHz
Capacitance	55 pF/M
Velocity of Signal Propagation	80%
DCR: Inner Conductor	<235 Ohm/KM
Outer Conductor	<36 Ohm/KM
Operating Voltage	300 V rms. max.
Signal Delay	4.3 ns/m
Jacket Sparker	1000 VCA
Voltage Withstand (AC)	500 VCA
Insulation Resistance	>10 GΩ-KM

### Mechanical Data :

Max. Tensile Strength	85 N
Min. Bending Radius	8.0 mm (Static)
	30 mm (Repeated)

**Environmental Data :**

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

**Attenuation**

Frequency (MHz)	Attenuation (dB/M)
5	0.06
10	0.08
100	0.23
270	0.36
350	0.41
540	0.51
720	0.59
1000	0.70
2000	1.01
3000	1.26
4500	1.56
6000	1.75
12000	2.50

**Misc. Information**

Weight	12 g/M
Marking	S-CONN UHD-179 HI PERFORMANCE VIDEO CABLE SD/HD/UHD
Package	500 M/Roll