

CD7506FUHD

Ultra-Flexible 12 GHz HD/SDI RG6 Coaxial Cable

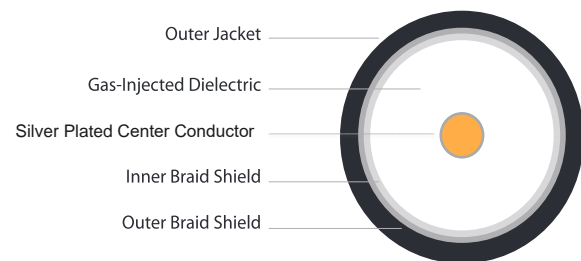


Ultra-Flexible and Rugged Design
Silver Plated Conductor
Dual Braids
12 GHz Bandwidth
8k and 4k UHD Transmission
Gas-Injected Dielectric

Part Number: **CD7506FUHD**
Description: Ultra-Flexible 12 GHz 8K UHD/SDI RG6 Coaxial Cable

Materials & Dimensions

Center Conductor	18 AWG silver plated copper wire
Dielectric	Gas-Injected Foam PE .181" O.D.
Shield	95% TC Braid & 95% TC Braid (dual braids)
Jacket	Flexible TPU
Overall Diameter	.276"
Available Colors	Black



Performance Characteristics

Impedance	Return Loss	DC Resistance	Capacitance	Vel. of Prop.	Pulling Tension	Bend Radius	Operating Temperature	Weight
75Ω (+/-2)	>23 dB (5MHz - 1.6 GHz) >21dB (1.6GHz - 4.5GHz) >15dB (4.5GHz - 12GHz)	Conductor: 6.4 Ω/Mft Shield: 1.5 Ω/Mft	16.15 pF/ft	84.5%	356N	2.7" min.	-30°C to 75°C	48 lbs/Mft

Frequency	100 MHz	270 MHz	540 MHz	1 GHz	2 GHz	3 GHz	4.5 GHz	6 GHz	12 GHz
Attenuation dB/100 feet	0.19	3.56	5.25	7.44	11.9	14.09	18.04	21.71	40.53
Attenuation dB/100 meters	0.62	11.7	17.2	24.4	36.4	46.2	59.2	71.2	133

Data Rate	270 Mb/s	360 Mb/s	1.5 Gb/s	3 Gb/s	6 Gb/s	12 Gb/s
Maximum Distance (typical)	1360'	1205'	351' - 570'	240' - 376'	375'	259'

Actual distances may vary with each system. Typical lengths listed above only serve as a guideline based upon SMPTE standards. Individual system testing is recommended to determine actual maximum transmission distances.

The CD7506FUHD is an ultra-flexible, precision 12 GHz RG6 coax for UHD/SDI, standard SDI or high resolution video applications. As with all Clark CD series coax cables, the CD7506FUHD features specifications that meet or exceed SMPTE standards for high-definition digital video interconnect applications. Built for use in staging, remote broadcast and patching applications, the CD7506FUHD utilizes an extra-flexible yet rugged TPU outer jacket, dual braided shields and a video grade, silver coated copper solid center conductor for exceptional performance.

