CD7559UHD

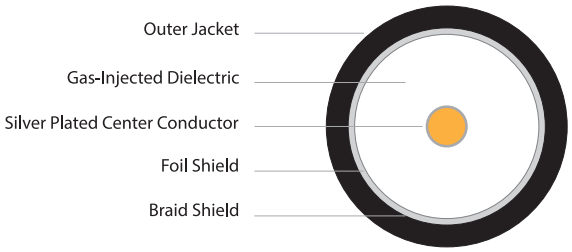
12GHz 8K RG59 Coaxial Cable

- RG59 20AWG Size
- 12GHz Bandwidth
- 8K and 4K UHD Transmission
- Gas-Injected Dielectric
- Silver Plated Conductor
- UL Listed Type CMR

Part Number: **CD7559UHD**
Description: 12GHz 8K RG59 Riser Rated Coaxial Cable

Materials & Dimensions

Center Conductor	20 AWG Silver Plated Copper .032" OD
Dielectric	Gas-Injected Foam PE .146" OD
Shield	100% Aluminum Foil 95% TC Braid
Jacket	Low Pressure, Easy Strip PVC
Overall Diameter	.242"
Available Colors	Black



Performance Characteristics

Impedance	Return Loss	DC Resistance	Capacitance	Vel. of Prop.	Pulling Tension	Bend Radius	Operating Temperature	Weight	UL Listing
75Ω (+/-2)	>23 dB (1MHz - 1.5GHz) >21 dB (1.5GHz - 4.5GHz) >15 dB (4.5GHz - 12GHz)	Conductor: 10.0 Ω/Mft Shield: 3.8 Ω/Mft	16.3 pF/ft	83%	55 lbs max.	2.4" min.	-30˚C to 75˚C	35 lbs/Mft	CMR

Frequency	1 MHz	10	71.5	135	270	360	750	1 GHz	1.5	2.25	3	4.5	6	12
Attenuation dB/100 feet	0.30	0.90	2.1	2.7	3.8	4.4	6.5	7.6	9.3	11.5	13.4	16.7	19.7	28.7
Attenuation dB/100 meters	0.98	2.95	6.9	8.9	12.5	14.4	21.3	24.9	30.5	37.7	44.0	54.8	64.6	94.2

HD/SDI Data Rate	270 Mb/s	360 Mb/s	1.5 Gb/s	3 Gb/s	6 Gb/s	12 Gb/s
Maximum Distance (typical)	1060'	962'	269' - 400'	189' - 285'	301'	210'

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 CD7559UHD is a precision 12GHz RG59 coax for 8K and 4K UHD transmission at data rates up to 12 Gb/s. Clark's CD-UHD series coax features specifications that meet or exceed SMPTE ST2082-1 and ST2083-1 standards for Ultra High Definition digital video interconnect applications through its silver plated center conductor and ultra precision, gas-injected foam dielectric. Also built for easy termination, the CD-UHD series has an easy-to-strip outer jacket and dielectric that streamline connector termination. UL rated type CMR, the CD7559UHD can be installed in a variety of permanent installation locations and environments.

Clark Wire & Cable™ 408 Washington Blvd. Mundelein, IL 60060 1-800-222-5348 847-949-9944 www.CLARKWIRE.com