



## AQC819

HD-SDI RG59/U CM Aquaseal Coaxial  
Analog Video, and CCTV Indoor/Outdoor



## Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	1
• AWG Size	20
• Conductor Stranding	Solid
• Conductor Type	Bare Copper
• Nominal DCR	10.1 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Foam Polyethylene
• Insulation Thi kness	0.142 in
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Al. Foil + 95% Tinned Braid
• Shield Type 2	Aquaseal Water Blocking Tape
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	75 Ohm
• Nom. Cap. Between Conductors	16.2 pF/ft

## Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	UV Resistant PVC
Nominal Cable O.D.	0.242 in
Plenum	No
NEC UL Rating	CM
RoHS Compliant	Yes
TIA Test	TIA455-82 Water Penetration Test
Pull Tension	55 lbs
Bend Radius	2.42 in
Cable Weight	29 lbs

## Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	UL1685
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300

## Detailed Specification & Technical Data



### AQC819

HD-SDI RG59/U CM Aquaseal Coaxial  
Analog Video, and CCTV Indoor/Outdoor



## Attenuation

FREQUENCY (MHz)	ATTENUATION (db/100ft)
1 MHz	0.28 db/100m
3.6 MHz	0.44 db/100m
10 MHz	0.66 db/100m
71.5 MHz	1.93 db/100m
135 MHz	2.62 db/100m
270 MHz	3.79 db/100m
360 MHz	4.3 db/100m
540 MHz	5.31 db/100m
720 MHz	6.23 db/100m
1000 MHz	7.49 db/100m
2250 MHz	11.19 db/100m
3000 MHz	13.23 db/100m

## Related Products

RELATED PRODUCTS	-
Plenum Number	25819
Non Plenum Number	819
BNC Crimp	CN-BM73-2
BNC Compression	CN-BNC59MCV
RCA Compression	CN-CSRCA-59