



## 25819

RG59/U HD-SDI Plenum  
HD-SDI Digital Video

### 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 FEP
• Insulation Thickness	0.135 in
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil
• Shield Type 2	95% Tinned Copper Braid
ELECTRICAL CHARACTERISTICS	-
• Nominal Impedance	75 Ohm
• Nom. Cap. Between Conductors	16.2 pF/ft

### Overall Construction

OVERALL CONSTRUCTION PARAMETERS	-
Jacket Type	Flexible Plenum
Nominal Cable O.D.	0.2 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	55 lbs
Bend Radius	2 in
Cable Weight	35 lbs

### Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	-
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	NFPA 262 Plenum
Operating Range	-0 to 60 Deg C
UL Voltage Rating	300



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**Attenuation**

FREQUENCY (MHz)	ATTENUATION (db/100ft)
1 MHz	0.28 dB
3.6 MHz	0.48 dB
10 MHz	1.03 dB
71.5 MHz	2.2 dB
135 MHz	2.83 dB
270 MHz	4.55 dB
360 MHz	5.24 dB
540 MHz	6.12 dB
720 MHz	7.29 dB
1000 MHz	9.4 dB
2250 MHz	17.48 dB
3000 MHz	21.6 dB

**Related Products**

RELATED PRODUCTS	-
Non Plenum Number	819
Aquaseal Number	AQC819
BNC Crimp	CN-BM73-30
BNC Compression	CN-BNC59MCV
RCA Compression	CN-CSRCA-59