



## 256350

RG6/U HD-SDI Plenum  
HD-SDI Digital Video

### Construction & Dimensions

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	1
• AWG Size	18
• Conductor Stranding	Solid
• Conductor Type	Bare Copper
• Nominal DCR	6.5 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Foam FEP
• Insulation Thickness	0.17 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.	0.236 in
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	75 lbs
Bend Radius	2.36 in
Cable Weight	36 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	0.23 dB
3.6 MHz	0.45 dB
10 MHz	0.75 dB
71.5 MHz	1.77 dB
135 MHz	2.45 dB
270 MHz	3.3 dB
360 MHz	4 dB
540 MHz	5.1 dB
720 MHz	5.9 dB
1000 MHz	7.3 dB
2250 MHz	11.59 dB
3000 MHz	13.71 dB

### Related Products

RELATED PRODUCTS	
Non Plenum Number	6350
BNC Crimp	CN-BM73-4
BNC Compression	CN-BNC6MCV
RCA Compression	CN-CSRCA-6