



**256300**

RG6/U CCS CATV Quad Shield Plenum  
 CATV/MATV DBS

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS	-
CONDUCTOR PARAMETER	-
• Number of Conductors	1
• AWG Size	18
• Conductor Stranding	Solid
• Conductor Type	Copper Covered Steel -CCS
• Nominal DCR	28 Ohm/1000ft
INSULATION PARAMETER	-
• Insulation Type	Foam FEP
• Insulation Thi kness	0.17 in
SHIELDING PARAMETER	-
• Shield Type	Overall 100% Aluminum Foil + 60% Aluminum Braid
• Shield Type 2	Overall 100% Aluminum Foil + 40% Aluminum 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.	0.27 in
Plenum	Yes
NEC UL Rating	CATVP - CMP
RoHS Compliant	Yes
Pull Tension	85 lbs
Bend Radius	2.7 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)
5 MHz	0.45 dB
55 MHz	1.6 dB
100 MHz	2 dB
270 MHz	2.9 dB
400 MHz	4.5 dB
540 MHz	4.9 dB
750 MHz	6.6 dB
1000 MHz	8 dB
1450 MHz	10.3 dB
2250 MHz	13.36 dB
3000 MHz	15.42 dB

## Related Products

RELATED PRODUCTS	
Non Plenum Number	6300
"F" Type Crimp	CN-F56ALM
"F" Type Compression	CN-F6MCV