

Construction & Dimenstions

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	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.	0.237 in
Plenum	Yes
NEC UL Rating	CATVP, CMP
RoHS Compliant	Yes
Pull Tension	70 lbs
Bend Radius	2.37 in
Cable Weight	32 lbs

Overall Electrical & Optical Characteristics

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
Nominal Velocity of Propagation (VP)	82 %
UL Flammability	NFPA 262 Plenum
Operating Range	-20 to 60 Deg C
UL Voltage Rating	300

Product Photo



Attenuation Performance

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

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Title

RG6 - Single Conductor- 18 AWG- Solid-
100% Aluminum Foile with Aluminum
Braid Shielded- Plenum- Ivory

Part Number

25841IV

Notes

1. Unless otherwise specified all dimensions are nominal
2. All specifications are subject to change without notice at any time
3. Dimensions are in millimeters