

Detailed Specifications & Technical Data

RG 6/U 18 AWG 12 GHz SDI CMP



256450

CONDUCTOR PARAMETERS	
Number of Conductors	1
AWG Size	18
Conductor Stranding	Solid
Conductor Type	SC - Silver Copper
Nominal DCR	6.4 Ω /1000 ft
RG Size	RG6/U
INSULATION PARAMETERS	
Insulation Type	FEP - Fluorinated Ethylene Propylene (Foam)
Insulation Thickness	0.168
SHIELDING PARAMETERS	
Shield Type	100% Tape Tri-Laminate (Alum+Poly+Alum)
Shield Type 2	95% Tinned Copper Braid
ELECTRICAL CHARACTERISTICS	
Nominal Impedance	75 Ω
Nom. Cap. Between Conductors	16.1 pf/ft
Nom. Vel. Of Prop	83%

OVERALL CONSTRUCTION PARAMETERS	
Jacket Type	PVC
Nominal Cable O.D.	.229
Plenum	Yes
NEC UL Rating	CMP
RoHS Compliant	Yes
Pull Tension	69 lbs/ft
Bend Radius	2.7 in
Cable Weight	41 lbs

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
UL Flammability	NFPA 262
Operating Range	0 to 75°C
UL Voltage Rating	300

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ATTENUATION	
Frequency	Nom. Attenuation (dB/100 ft)
1 Mhz	0.23
5 Mhz	0.54
7 Mhz	0.63
10 Mhz	0.73
25 Mhz	1.11
55 Mhz	1.57
71.5 Mhz	1.77
100 Mhz	2.07
135 Mhz	2.39
180 Mhz	2.76
270 Mhz	3.42
360 Mhz	4.02
540 Mhz	5.08
720 Mhz	6.01
1000 Mhz	7.29
1500 Mhz	9.27
2000 Mhz	11.02
3000 Mhz	14.12
4500 Mhz	18.19
6000 Mhz	21.53
12000 Mhz	33.02

RELATED PRODUCTS	
Part Numbers	
256450BK1000	Black - 1000 ft Put-Up
Non-Plenum	6450
BNC Male Connector	CN-BNC6-12G-50