



Electrical Performance

Frequency (MHz)	Attenuation (dB/100FT)	Frequency (MHz)	Attenuation (dB/100FT)
1	0.40	900	7.30
10	0.92	1000	7.90
50	1.60	1200	8.40
100	2.20	1450	9.70
200	3.00	1800	11.00
400	4.33	2200	12.00
700	6.25	3000	14.00

Description

RG-6/U 60% Plenum CATV 75 Ω Coaxial Cable

Applicable Standards

Reference Standard

SCTE IPS-SP-001

UL 1655, UL 13, UL 444, ROHS

Physical Characteristics

Conductor	Solid	C.C.S.
AWG		18
Diameter	(inches)	0.040
Insulation		FOAM FEP
Insulation Diameter	(inches)	0.170
Shield		Aluminum/Poly
Tape	Bonded	Aluminum
Braid		
Coverage Area	(%)	60
Nom. Diameter	(inches)	0.201
Jacket		Plenum PVC
Jacket Diameter	(inches)	0.232
Nom. Jacket Thickness	(inches)	0.013
Nominal Weight		30 lbs.

Electrical Characteristics

Temperature Rating	(°C)	-20 to 60
Impedance	(± 3.0 Ohms)	75
Capacitance	(pF/ft)	15.5
Conductor DCR@20° C	(ohms/1000ft)	28.6
Velocity of Propagation	(%)	84
ROHS Compliant		Yes
NEC Rating		CMP

Cable Marking

XXXXXX 18AWG CMP FT6 RG6/U VERIFIED TO C(UL)US CATV
SWEPT TO 3.0 GHZ ****FT

Part Numbers

Part Number	Color	Put-up
RG6UPWH1	White	1,000' Pullbox