



**Electrical Performance**

Frequency (MHz)	Attenuation (dB/100FT)	Frequency (MHz)	Attenuation (dB/100FT)
1	0.29	900	9.00
10	0.90	1000	9.70
50	1.90	1200	10.70
100	2.70	1450	11.50
200	4.00	1800	13.50
400	5.80	2200	15.50
700	7.80	3000	18.50

**Description**

**RG-59U Coaxial Cable 75 Ohm Broadcast Coaxial**

**Applicable Standards**

**Reference Standard**

SCTE IPS-SP-001

UL 1655, UL 13, UL 444, ROHS

**Physical Characteristics**

<b>Conductor</b>	Solid	<b>Bare Copper</b>
AWG		20
Diameter	(inches)	0.32
<b>Insulation</b>		<b>FOAM FEP</b>
Insulation Diameter	(inches)	0.135
<b>Shield</b>		
Braid		C.C.A.
Coverage Area	(%)	95
Nom. Diameter	(inches)	0.154
<b>Jacket</b>		<b>Plenum PVC</b>
Jacket Diameter	(inches)	0.185
Nom. Jacket Thickness	(inches)	0.015
Nominal Weight		22 lbs.

**Cable Marking**

XXXXXX 20AWG CMP FT6 RG59/U VERIFIED TO C(UL)US & C(ETL)US \*\*\*\*FT

**Electrical Characteristics**

Temperature Rating	(°C)	-20 to 60
Impedence	(± 3.0 Ohms)	75
Capacitance	(pF/ft)	16.0
Conductor DCR@20° C	(ohms/1000ft)	10.5
Velocity of Propagation	(%)	84
ROHS Compliant		Yes
NEC Rating		CMP

**Part Numbers**

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