



### Description

RG59/U 95% Copper Braid CATV 75 Ω Coaxial Cable

### Applicable Standards

### Reference Standard

SCTE IPS-SP-001

UL 1655, UL 13, UL 444, ROHS

### Construction

#### COAX

Center Conductor	Solid	Bare Copper
AWG		20
Diameter	(inches)	0.033
Insulation		Foam FEP
Insulation Diameter	(inches)	0.135
Shield		
Braid		C.C.A
Coverage Area	(%)	95
Nom. Diameter	(inches)	0.154
Jacket		Plenum PVC
Jacket Diameter	(inches)	0.200
Nom. Jacket Thickness	(inches)	0.020

#### POWER 18/2

Center Conductor	Stranded	Bare Copper
AWG		18
Insulation		Plenum PVC
Insulation Diameter	(inches)	0.060
Jacket		Plenum PVC
Jacket Diameter	(inches)	0.150
Core Colors		1. Black / 2. Red

Nominal Weight 23 lbs. (500') / 41 lbs. (1000')

### Cable Marking

RG59/U 2C 18 AWG CMP FT6 XXXXXX VERIFIED TO C(ETL)US

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### 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	1.91	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

### 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 Numbers	Color	Put-up
	White	1,000' REEL
	White	500' RIB