



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

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 Characteristics

Temperature Rating	(°C)	-20 to 60
Impedance	(± 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
H59+182PWH2	White	1,000' REEL
H59+182PWH3-500	White	500' RIB