



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)	0.040
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

Cable Marking

RG59/U 20AWG 2C 18 AWG CMP CL2P

FT6 XXXXXXX C(ETL)US ****FT

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
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 #	Color	Put-up
H59+182 PWH-2	WHITE	1,000' REEL
H59+182 PWH-2 -500	WHITE	500' Reel in Box