



### Description

**Reference Standard** SCTE IPS-SP-001, UL 1655, UL13, UL

### Construction

<b>Center Conductor</b>		<b>Bare Copper</b>
AWG		20
Diameter	(inches)	0.3228
<b>Insulation</b>		<b>Skin Foamed PE</b>
Nom. Thickness	(inches)	0.0559
Insulation Diameter	(inches)	0.14409
<b>Braid Shield</b>		<b>Copper Clad Aluminum</b>
Coverage Area	(%)	95

<b>Jacket</b>	<b>Power Cable</b>	<b>CCTV</b>
	<b>PVC</b>	<b>PVC</b>
Nom. Thickness (inches)	0.0307	0.0314
Cable Diameter (inches)	0.2756	0.2362

### Power

Conductor Stranded	(inches)	0.1102
Core Colors		1. Black / 2. Red

### Cable Marking

**RG59/U 95% 2C 18AWG CMR FT4 XXXXXX**  
**VERIFIED TO C(ETL)US \*\*\*\*FT**

### Electrical Performance

Frequency (MHz)	Attenuation (dB/100m)
1	1.15
50	5.71
100	8.20
200	11.61
400	16.73
700	22.15
1000	28.87

### Electrical Characteristics

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

### Part Numbers

Part #	Color	Put-up	
H59+182 RBK2 OV	BLACK	1,000'	REEL
H59+182 RWH2 OV	WHITE	1,000'	REEL
H59+182 RBK2 OV 500	BLACK	500'	REEL IN A BOX
H59+182 RWH2 OV 500	WHITE	500'	REEL IN A BOX