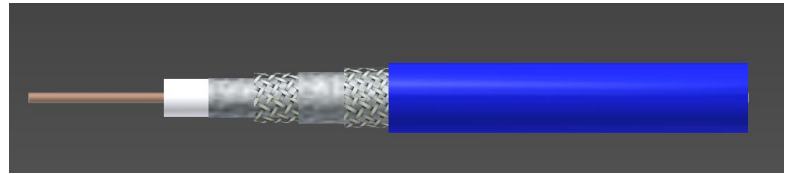


Series 59 Coaxial Cable  
Silver-Plated Copper Clad Steel Conductor  
Foamed Polyethylene Dielectric  
Bonded APA Laminate Shield  
95% Aluminum Braid  
APA Laminate Shield  
95% Aluminum Braid  
Color PVC Jacket  
NEC 820 CATV Listed  
Headend Application



Coax Jacket Colors Available

Black	White	Gray	Red	Blue
Violet	Orange	Brown	Green	Yellow
Aqua	Rose	Neutral		

**Cable Ordering Information**

Part Number	Description	NEC / CSA Listing
059Q95V04xx5100000R1	T59SCSQ95/95-V(CATV) xxxx- / HE	NEC 820 CATV Listed

**Characteristics**

Material	Detail	inches	mm
Inner Conductor	Silver-Plated Copper Clad Steel	0.0320	0.81
Dielectric	Foamed Polyethylene	0.144	3.66
1 <sup>st</sup> Outer Conductor	Sealed APA Tape	0.152	3.86
2 <sup>nd</sup> Outer Conductor	95% Aluminum Braid	0.176	4.47
3 <sup>rd</sup> Outer Conductor	APA Tape	0.180	4.57
4 <sup>th</sup> Outer Conductor	95% Aluminum Braid	0.205	5.21
Jacket	PVC, Flame Retardant, Color	0.262	6.65

**Mechanical Specifications**

Minimum Bend Radius, in. (mm)	0.875	( 22.23)
Product Weight	(less reel)	31 lbs /kft

Xx & xxxx = denotes the outer jacket color, other available with conditions

Customers are reminded that they are SOLELY responsible for confirming that all products are properly installed and used in accordance with all applicable codes and regulations.

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Electrical Specifications		
Impedance, $\Omega$	75 $\pm$ 3	
Velocity of Propagation, %	85	
Capacitance, Nominal	16.2 pF/ft	53.2 pF/m
DC Resistance	$\Omega$ / kft	$\Omega$ / km
Inner Conductor	25.30	83
Outer Conductor	3.57	12
Loop	28.9	95

Attenuation, Maximum @ 68 °F (20 °C)		
Frequency, MHz	dB / 100 ft	dB / 100 m
5	0.86	2.82
55	2.05	6.73
211	3.80	12.47
250	4.10	13.45
270	4.22	13.85
300	4.45	14.60
330	4.66	15.29
350	4.80	15.75
400	5.10	16.73
450	5.40	17.72
500	5.70	18.70
550	5.95	19.52
600	6.20	20.34
750	6.97	22.87
870	7.57	24.84
1000	8.12	26.64
1100	8.52	27.95
1200	8.91	29.23
1218	8.99	29.49
1300	9.29	30.48
1400	9.64	31.63
1500	10.05	32.97
1600	10.41	34.15
1700	10.76	35.30
1794	11.06	36.29
1800	11.08	36.35

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