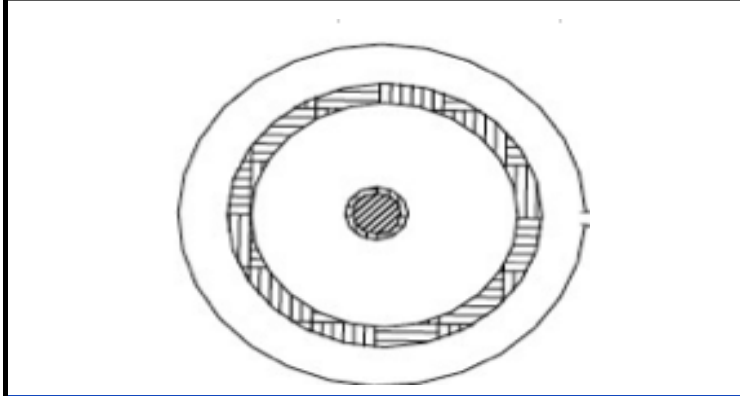




RG59 Cable



Cross Section **Performance**



Marking
 RG59/U 20 AWG CMX 3180662 C(ETL)US 1000ft... 0998ft... 0996ft..... 0000ft

Description

Reference Standard
 RoHS

Electrical Characteristics

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	3.07	1000	28.87
55	6.71	1200	31.80
100	8.92	1450	35.05
211	12.81	1750	38.98
250	13.88	1850	40.08
270	14.46	2000	41.65
300	15.24	2050	42.19
330	16.06	2100	42.69
350	16.56	2150	43.19
400	17.42	2200	43.69
450	18.92	2250	44.19
500	20.09	2300	44.69
550	21.06	2500	46.58
600	22.06	2700	48.40
750	24.84	3000	51.04
870	26.91		

Construction

Items	Nominal Value	Tolerance
Center Conductor	AWG	20
	Material	Bare Copper
	Diameter(mm)	0.813 ±1%
Dielectric	Material	Foam PE
	Diameter(mm)	3.75 ±0.1
	Concentricity(%)	90% ≥
Outer Conductor	Braid material	Copper Clad Aluminum Wire
	Construction (mm)	8*16*0.12mm
	Braiding Coverage (%)	95 ±1%
Jacket	Jacket material	PVC
	Jacket color	Black
	Nom. Thickness (mm)	0.635
	Min. Thickness(mm)	0.51
	Cable Diameter (mm)	6.10 ±0.2

Items	Nominal Value	Tolerance
Dielectric Strength (kV/min)	2.5	≥
Impedence(Ohm)	78	±5
SRL (dB,5~1000MHz)	20	≥
(dB,1000~3000MHz)	15	≥
Capacitance (pF/ft)	15.5	±3
Center Conductor DCR@ 20°C (ohms/1000ft)	48.6	≤
Velocity Of Propagation (%)	84	≥