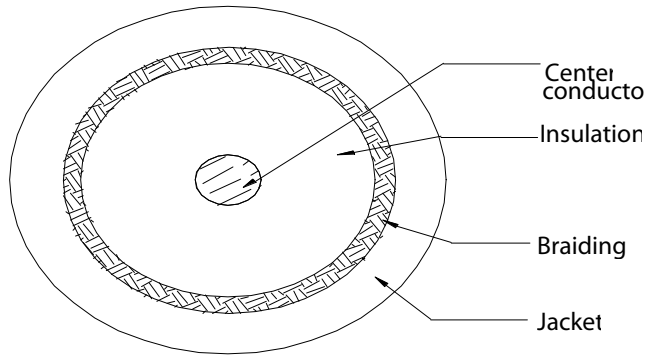


SCP → Structured Cable Products

SCP-RG 59 CCTV Cable

Cross Section



Performance

Electrical Characteristics:		
Frequency (MHz)	Attenuation (dB/100m)	
1	0.79	
10	2.50	
100	9.05	
400	19.76	
Dielectric Strength (kV/min)		1.0
Impedence ($\pm 3.0\Omega$)		75.0
SRL (dB, 5~1000MHz)		≥ 20
Capacitance (pF/m)		53.1
Conductor DCR@ 20 °C (ohms/km)		≤ 33.9
Velocity Of Propagation (%)		≥ 82
Mechanical Characteristics:		
Test Object		Jacket
Test Material		PVC
Before	Tensile Strength (Mpa)	≥ 1.034
Aging	Elongation (%)	≥ 200
Aging Condition (°C_hrs)		113.0 \pm 1.0_168
After	Tensile Strength (Mpa)	$\geq 85\%$ unaged
Aging	Elongation (%)	$\geq 50\%$ unaged
Cold Bend (-20 \pm 2°C_4hrs)		No crack
Jacket impact test(-15°C)		No crack
Jacket Longitudinal Shrinkage (%)		≤ 5
Center Conductor Bond To dielectric (N)		≥ 2.3

Marking

E198134-S (UL) CM OR CL2 RG-59/U 20AWG 75C ---- SCP ***** FEET

Description

Rated Temperature (°C)	75
Product Standard Certification	UL
Flammability Test	CM
Application	Drop cable for CCTV applications
Reference Standard	UL1655, UL13, UL444, UL1424&UL1581

Construction

Center Conductor	Bare Copper
AWG	20
Dia.	0.82
Insulation	Skin Foam PE
Nom. Thickness(mm)	1.78
Insulation Dia. (± 0.08 mm)	3.66
Braid Shield	Bare Copper Wire
Construction (mm)	16/7/0.16
Coverage Area (%)	≥ 95
Jacket	PVC
Nom. Thickness (mm)	0.80
Min. Thickness(mm)	0.70
Cable Dia. (± 0.15 mm)	6.00
Weight (kg/km)	50.9