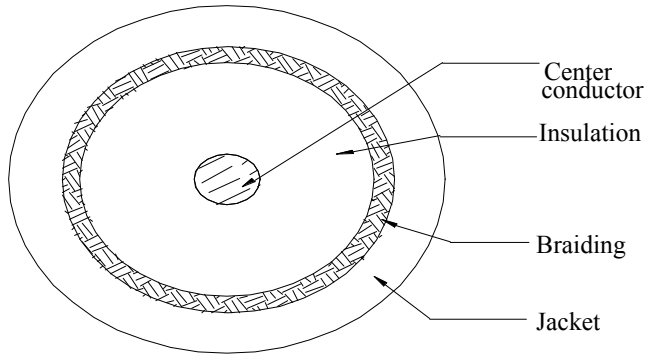


SCP-RG 59 CCTV Cable

Cross Section



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. (±0.08mm)	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.(±0.15mm)	6.00
Weight (kg/km)	50.9

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 (±3.0ohms)	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±1.0 _ 168
After Tensile Strength (Mpa)	≥85% unaged
Aging Elongation (%)	≥50% unaged
Cold Bend (-20±2°C_4hrs)	No crack
Jacket impact test(-15°C)	No crack
Jacket Longitudinal Shrinkage (%)	≤5
Center Conductor Bond To dielectric (N)	≥2.3