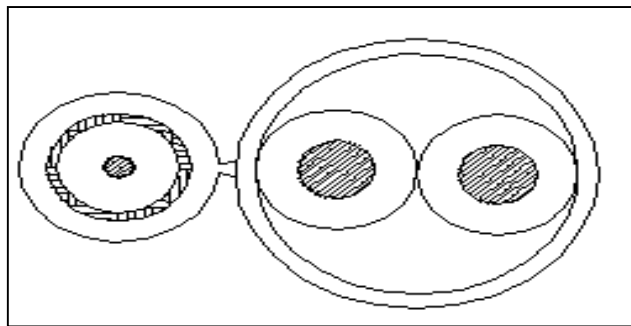


SCP-RG59/U-95-S Security Cable

Cross Section



Marking

STRUCTURED CABLE PRODUCTS --- E198134-S UL OR C(UL) CM 75C RG59
1x20AWG AND 2xAWG18 SECURITY CABLE --- ***** FEET

Description

Reference Standard

UL Subject 444

Construction

RG59

Center Conductor

Bare Copper

AWG 20
Dia. 0.81

Insulation

Skin Foam PE

Nom. Thickness(mm) 1.43
Insulation Dia. (±0.08mm) 3.66

Braid Shield

Bare Copper Wire

Construction (mm) 16/7/0.16
Coverage Area (%) ≥95
JACKET: PVC

Outer Dia.(±0.2mm) **6.0**

POWER WIRE:

Conductor 16X0.254 stranded bare copper

AWG 18
Dia. 1.17

Insulation **PVC**

Insulation Dia.(±0.03mm) 2.77

Cabling Lay Length(±10mm) 50

JACKET: PVC

Average Thickness(±0.05mm) 0.85

Outer Dia.(±0.2mm) **7.0**

Weight(kg/km) 105

Outer Dia(RG59+POWER).(±0.2mm) 13.5

Performance

Electrical Characteristics:

Frequency (MHz)	Attenuation (dB/100m)
1	0.79
10	2.50
100	8.53
400	17.63

Dielectric Strength (kV/min)	1.0
Impedence (±3.0_)	75.0
SRL (dB,10~300MHz)	_20
Capacitance (pF/m)	53.1
Conductor DCR@ 20_ (/km)	_33.8
Velocity Of Propagation (%)	_82

Mechanical Characteristics:

Test Object **Jacket**

Test Material	Before	Tensile Strength (Mpa)
	Aging	Elongation (%)
Aging Condition (°Cxhrs)	After	Tensile Strength (Mpa)
	Aging	Elongation (%)

Cold Bend(-20±2°Cx4hrs)