

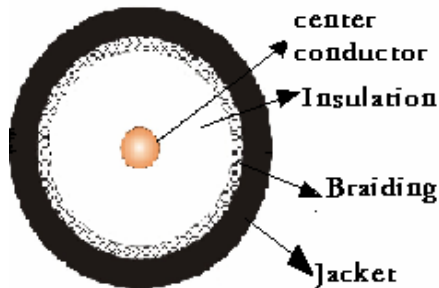


# Structured Cable Products

Quality Installations Deserve Quality Products

## Coaxial Cable - SCP Part# CT-100

### Cross Section



### Construction

**Center Conductor** Bare Copper  
AWG 18

**Insulation** Skin Foam PE  
Insulation Dia.(±0.08mm) 4.5

**Shield** Copper Foil  
**Braid** Bare Copper Wire  
Coverage Area(%) 60

**Jacket** PVC  
Cable Dia.(mm) 6.5

#### Cable Printing:

SCP E236426 (UL) OR C(UL) CM 75C CT100 60% CE & RoHS  
\*ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 XXXM

**Packaging:** 250M/Spool in Box  
**Weight:** 13Kg

### Performance

#### Electrical Characteristics

Frequency (MHz)	Attenuation (dB/100m)
5	1.4
50	4.2
100	6.2
200	8.6
460	13.6
860	18.7
1000	20.5
1350	24.0
1750	27.7
2050	30.0
2150	31.0

**Impedance** 75(±3.0ohms)

**Capacitance** 55(±2pF/m)

**SRL** 5-470 MHz > 23 dB  
470-1000 MHz > 20 dB  
1000-2150 MHz > 18 dB

#### Mechanical Characteristics

Test Object:			Jacket
Test Material			PVC
Before	Tensile strength (Mpa)		≥1.034
Aging	Elongation (%)		≥200
Aging Condition		(°C_hrs)	
After	Tensile strength (Mpa)		≥85%unaged
Aging	Elongation (%)		≥50% unaged
Cold Bend		(-20±2°C_4hrs)	No crack