



**SCP Part Number: RG6/U95-BK**

REV.A

**Front view**



**Performance**

**Electrical Characteristics:[@68°F.(20°C.)]**

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
5	0.81	2.66
55	1.60	5.25
211	3.08	10.10
270	3.50	11.48
300	3.70	12.14
350	4.01	13.15
400	4.30	14.11
450	4.58	15.03
550	5.09	16.70
600	5.34	17.52
870	6.51	21.33
1000	7.01	22.97
1250	8.42	27.60
1450	9.15	30.00
2200	12.81	42.00
3000	16.32	53.50

**Description**

CCTV CABLE, RG-6/U COAXIAL CABLE, 18AWG BC, HIGH BRAID COVERAGE, 75OHMS,

**Marking**

STRUCTURED CABLE PRODUCTS Exxxxx (UL) OR C(UL) CM 18 AWG BC 75C MM/YY -- P/N: RG6/U95 -- RG6/U COAX CCTV, 95% BC BRAID CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 xxxxFEET

**Construction**

<b>Center Conductor:</b>	<b>Bare Copper</b>
Size	18AWG
Dia.(in/mm)	0.0403/1.02
<b>Insulate</b>	<b>Skin Foam PE</b>
Nom. Thickness(in/mm)	0.070/1.78
Insulation Dia.(in/mm)	0.180/4.57
<b>Braid Shield</b>	<b>Bare Copper</b>
Coverage area (%)	95
<b>Jacket</b>	<b>Black FR-PVC</b>
Nom. Thickness(in/mm)	0.031/0.79
Min. Thickness(in/mm)	0.025/0.64
Cable Dia.(in/mm)	0.272/6.91
<b>Packing</b>	<b>Pull box</b>
Length(ft/m)	1000/305
Gross Weight(lbs/kg)	57.1/25.9

Dielectric Strength (kV/min)	1
Impedence (ohms)	75±3.0
SRL (dB)	5~1000MHz >=20
Capacitance (pF/ft)	16.2
Conductor DCR@ 20°C (ohms/kft)	6.55
DC Loop Resistance@ 20°C (ohms/kft)	10.98
Velocity Of Propagation (%)	85

**Mechanical Characteristics:**

Test Object:	Jacket
Test Material	
Before Tensile strength (psi)	>=2000
Aging Elongation (%)	200
Aging Condition (°C_hrs)	100_168
After Tensile strength (%)	>=85%unaged
Aging Elongation (%)	>=50%unaged
Cold Bend (-20±2°C/4hrs)	No crack
Jacket Longitudinal Shrinkage (%)	>=5
Center Conductor break Strength (lbs)	85
Operating Temperature Range (°C)	-20~75

**Standards**

UL, CE, RoHS