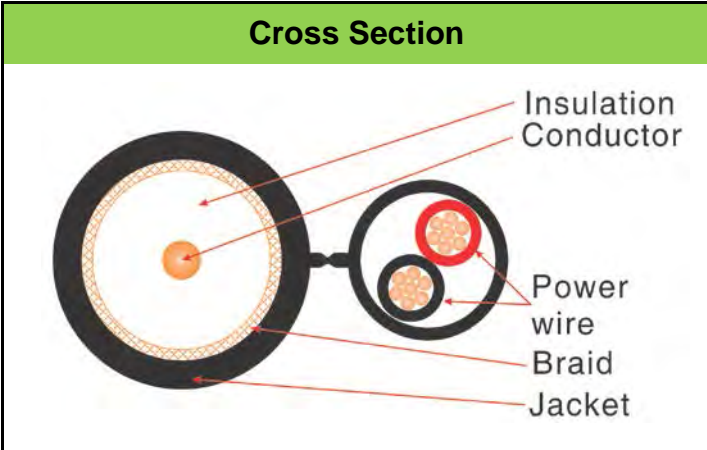


**SCP Part Number: RG59/U95-S-BK**

REV.A



**Performance**

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

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
1	0.24	0.79
10	0.76	2.50
55	2.05	6.73
100	2.60	8.53
250	4.10	13.45
400	5.37	17.60
550	5.95	19.52
750	6.98	22.87
865	7.52	24.67
1000	8.13	26.64

**Description**

RG59/U SIAMESE 20 AWG BC 95% BC BRAID+ 18/2 PWR- BLACK - 1000 FT SPOOL

**Marking**

STRUCTURED CABLE PRODUCTS EXXXXXX (UL) OR C(UL) CM 20 AWG BC 75C MM/YY -- P/N: RG59/U95-S -- RG59/U SIAMESE COAX CCTV, 95% BC BRAID + 2C/18 AWG PWR CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 xxxxFEET

**Construction**

**RG59/U95 COAXIAL CABLE**

<b>Center Conductor</b>	<b>Bare Copper</b>
Size	20AWG
Dia.(in/mm)	0.032/0.81
<b>Insulate</b>	<b>Skin Foam PE</b>
Nom. Thickness(in/mm)	0.056/1.42
Insulation Dia.(in/mm)	0.144/3.66
<b>Braid Shield</b>	<b>Bare Copper</b>
Coverage area (%)	95
<b>Jacket</b>	<b>Black FR-PVC</b>
Nom. Thickness(in/mm)	0.030/0.76
Min. Thickness(in/mm)	0.024/0.61
Cable Dia.(in/mm)	0.236/6.00

**POWER WIRE**

<b>Conductor</b>	<b>18AWG Stranded Bare Copper</b>
Size	7x26AWG
<b>Insulation</b>	<b>Black&amp;Red FR-PVC</b>
Insulation Dia.(in/mm)	0.067/1.70
Cabling Lay Length(in/mm)	2/50.8
<b>Jacket</b>	<b>Black FR-PVC</b>
Thickness(in/mm)	0.019/0.48

**Coaxial cable and power wire with "8"**

<b>Packing</b>	<b>Wooden Spool</b>
Length(ft/m)	1000/305
Gross Weight(lbs/kg)	51.15/23.20

**Mechanical Characteristics:**

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)	10.43
DC Loop Resistance@ 20°C (ohms/kft)	14.95
Velocity Of Propagation (%)	85
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**