

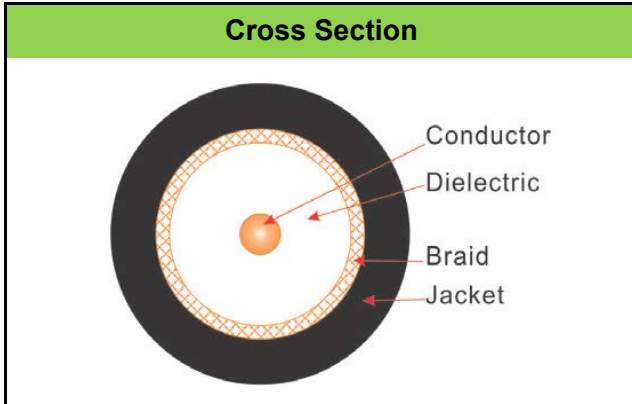


**SCP PART#: RG59/U95-BK-500** UPC: 810070015299

**DESCRIPTION:**  
 RG59/U COAX CCTV 20 AWG BC, 95% BC BRAID-500 FT RIB- BLACK

## RG59/U95-BK-500

REV.A2



### Description

CCTV CABLE, RG59/U COAXIAL CABLE, 20AWG BC, HIGH BRAID COVERAGE, 75OHMS,

### Marking

STRUCTURED CABLE PRODUCTS EXXXXXX (UL) OR C(UL) CM 20 AWG BC 75C MM/YY -- P/N: RG59/U95 -- RG59/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 0001FEET.....500 FEET

### Construction

<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	
<b>Packing</b>	<b>Reel in box</b>	
Length(ft/m)	1000/305	
Gross Weight(lbs/kg)	32.85/14.90	

### 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

Dielectric Strength (kV/min)		1
Impedance (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)		24.95
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**