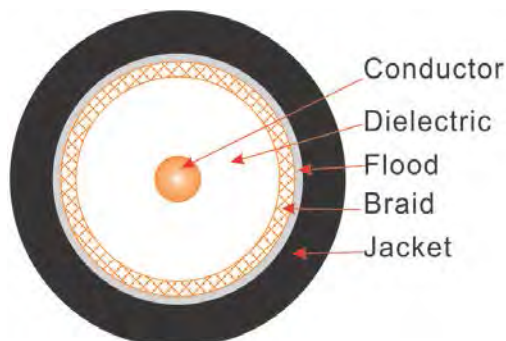


**SCP Part Number: RG59/U95-DB**

REV.A

**Cross Section**



**Description**

RG59/U CCTV DIRECT BURIAL- 20 AWG BC, 95% BC BRAID- BLACK- 1000 FT SPOOL

**Marking**

STRUCTURED CABLE PRODUCTS -- P/N: RG59/U95-DB -- RG59/U COAX CCTV DIRECT BURIAL 20 AWG BC 95% BRAID -- PE JKT -- 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	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>Flooded</b>	<b>APD</b>
<b>Jacket</b>	<b>Black PE</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>Wooden spool</b>
Length(ft/m)	1000/305
Gross Weight(lbs/kg)	28.44/12.90

**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)	14.95
Velocity Of Propagation (%)	85

**Mechanical Characteristics:**

Test Object:	Jacket	
Test Material		
Before	Tensile strength (psi)	2300
Aging	Elongation (%)	450
Cold Bend	(-40±2°C/4hrs)	No Crack
Jacket Longitudinal Shrinkage	(%)	>=5
Center Conductor break Strength	(lbs)	85
Operating Temperature Range	(°C)	-40~80

**Standards**

CE, RoHS