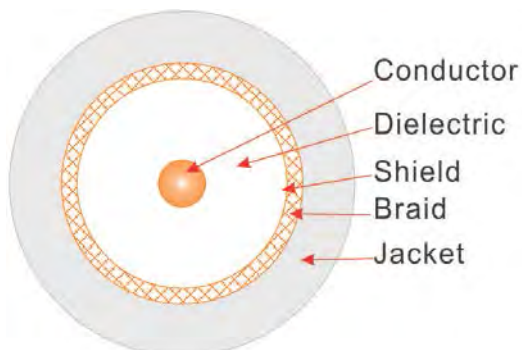


SCP Part Number: RG59/U95-WT-500

REV.A

Cross Section



Description

RG59/U COAX CCTV- 20 AWG BC, 95% BC BRAID, CM RATING - WHITE - 500 FT RIB

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 xxxxFEET

Construction

Center Conductor:	Bare Copper
Size	20AWG
Dia.(in/mm)	0.032/0.81
Insulate	Skin Foam PE
Nom. Thickness(in/mm)	0.056/1.42
Insulation Dia.(in/mm)	0.144/3.66
Braid Shield	Bare Copper
Coverage area (%)	95
Jacket	White FR-PVC
Nom. Thickness(in/mm)	0.030/0.76
Min. Thickness(in/mm)	0.024/0.61
Cable Dia.(in/mm)	0.236/6.00
Packing	Reel in box
Length(ft/m)	500/152.5
Gross Weight(lbs/kg)	20.5/9.3

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
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)	>=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