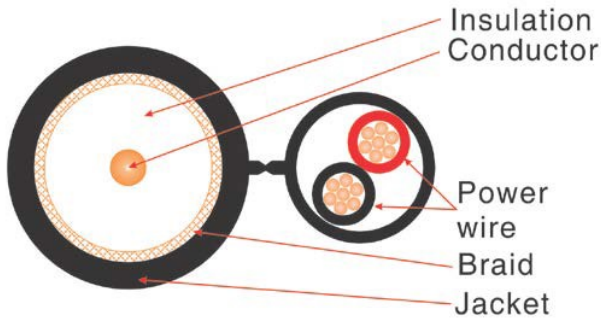




RG59/U-S-CCA-BK

REV.A

Cross Section



Description

CCTV CABLE, RG59/U 20AWG BC + 18AWG/2C SIAMESE, 75OHMS,

Marking

STRUCTURED CABLE PRODUCTS EXXXXXX (UL) OR C(UL) CM 20 AWG BC 75C MM/YY -- P/N: RG59/U95-S-CCA -- RG59/U SIAMESE COAX CCTV, 95% 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/U-CCA COAXIAL CABLE

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	Copper clad Aluminum
Coverage area (%)	95
Jacket	Black 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
POWER WIRE	
Conductor	18AWG Stranded Bare Copper
Size	7×26AWG
Insulation	Black&Red FR-PVC
Insulation Dia.(in/mm)	0.067/1.70
Cabling Lay Length(in/mm)	2/50.8
Jacket	Black FR-PVC
Thickness(in/mm)	0.019/0.48
Coaxial cable and power wire with "8"	
Packing	
Length(ft/m)	1000/305
Gross Weight(lbs/kg)	44.98 /20.40

Performance

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

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
1	0.29	0.95
10	0.92	3.00
55	2.46	8.08
100	3.12	10.24
250	4.92	16.14
400	6.44	21.12
550	7.15	23.43
750	8.37	27.45
865	9.03	29.61
1000	9.75	31.97

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)	20.44
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