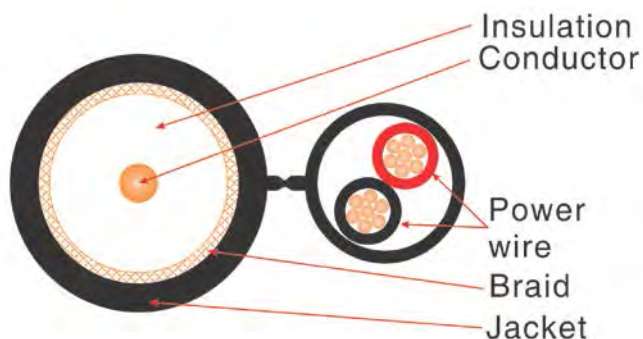


SCP Part Number: RG6/U-95-S-BK

REV.A

Cross Section



Description

CCTV CABLE, RG-6/U 18AWG BC + 18AWG/2C SIAMESE, 75OHMS,

Marking

STRUCTURED CABLE PRODUCTS EXXXXXX (UL) OR C(UL) CM 18 AWG BC 75C MM/YY -- P/N: RG6/U95-S -- RG6/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

RG6/U95 COAXIAL CABLE

Center Conductor	Bare Copper
Size	18AWG
Dia.(in/mm)	0.0403/1.02
Insulate	Skin Foam PE
Nom. Thickness(in/mm)	0.070/1.78
Insulation Dia.(in/mm)	0.180/4.57
Braid Shield	Bare Copper
Coverage area (%)	95
Jacket	Black FR-PVC
Nom. Thickness(in/mm)	0.031/0.79
Min. Thickness(in/mm)	0.025/0.64
Cable Dia.(in/mm)	0.272/6.91

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	Wooden Spool
Length(ft/m)	1000/305
Gross Weight(lbs/kg)	57.1/25.9

Performance

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

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
1	0.25	0.82
10	0.71	2.33
55	1.70	5.57
250	3.48	11.40
400	4.43	14.54
550	5.24	17.17
1000	7.17	23.52

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)	6.55
DC Loop Resistance@ 20°C (ohms/kft)	10.98
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