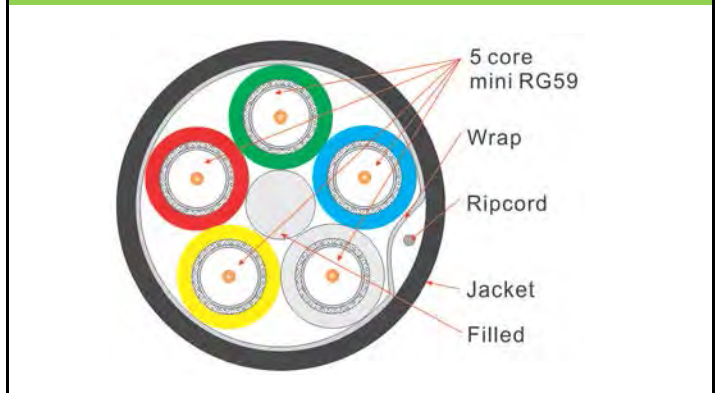
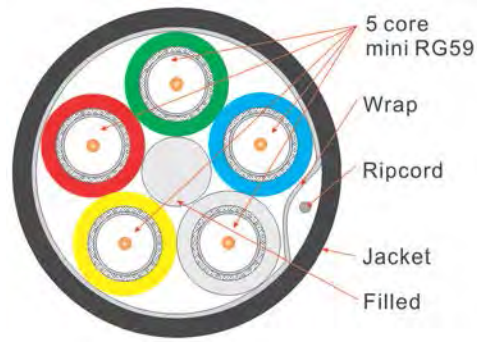


SCP Part Number: RGB-5

REV.A

Cross Section



Performance

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

Frequency (MHz)	Attenuation (dB/100ft)	Attenuation (dB/100m)
1	0.53	1.74
5	1.20	3.93
10	1.70	5.57
50	3.80	12.46
100	5.20	17.05
200	7.10	23.28
400	10.00	32.79
750	14.30	46.89
1000	21.40	70.16
2250	25.50	83.61
3000	33.90	111.15

Description

HDTV VIDEO CABLE, 5 CORE MINI RG59/U COAXIAL CABLE, 75OHMS,

Marking

STRUCTURED CABLE PRODUCTS EXXXXXX (UL) OR C(UL) CM 75C MM/YY --- P/N: RGB-5 -- RGB MINI RG59/U COAX - COMPONENT HDTV VIDEO-5C 25 AWG SOLID BC 95% TC Braid 75 Ohm CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 xxxxFEET

Construction

Component 1: MINI RG59/U	
Center Conductor	Bare Copper
Size	24AWG
Dia.(in/mm)	0.0196/0.50
Insulate	Skin Foam PE
Insulation Dia.(in/mm)	0.098/2.50
Shield	Bonded aluminum foil
Coverage area (%)	100
Braid Shield	Tinned Copper
Coverage area (%)	95
Jacket	FR-PVC
Nom. Thickness(in/mm)	0.0189/0.48
Cable Dia.(in/mm)	0.161/4.10
Color	Red & Green & Blue & Yellow & White
Component 2: filled wire	
Filled	Foma PE wire
Dia.(in/mm)	0.087/2.20
Final assembly	
Cabling	5 core mini RG59/U & 1 filled wire
Warp	Nonwoven
Ripcord	Cotton
Out Jacket	Black FR-PVC
Nom. Thickness(in/mm)	0.039/1.00
Cable Dia.(in/mm)	0.512/13.00
Packing	Wooden spool
Length(ft/m)	250/76
Gross Weight(lbs/kg)	33.07/15.00

Dielectric Strength (kV/min)	1
Impedance (ohms)	75±4.0
SRL (dB)	5~450MHz >=26 451~850MHz >=23 851~3000MHz >=15
Capacitance (pF/ft)	17.5
Conductor DCR@ 20°C (ohms/kft)	27.76
DC Loop Resistance@ 20°C (ohms/kft)	34.05
Velocity Of Propagation (%)	80

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
Operating Temperature Range	(°C) -20~75

Standards

UL, CE, RoHS