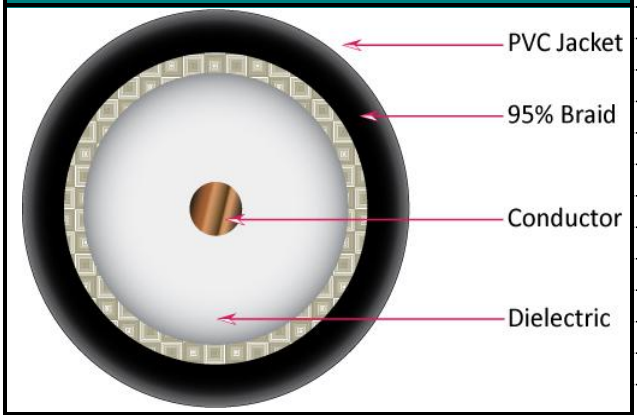
RG-59 95% COVERAGE COPPER BRAID Cable SPE

DATE:2019.04.22

Cross Section



DESCRIPTION

RG59, Bare Copper Coaxial Cable with 95% Bare Copper Braid, PVC Jacket, 1000ft Wooden Spool.

Technical Data

perating Temperature Range(℃)	-20~75
Reference Standard：	cETLus、CE、RoHS

Construction

Conductor	
Size	20AWG
Material	Solid Bare Copper
Construction	0.81±0.01mm
Dielectric	
Material	Foam PE
Diameter	3.66±0.01mm
Color	White
Braid	Bare Copper
Coverage	95%x16x8x0.14±0.005mm
Jacket	
Material	PVC
Diameter	6.1±0.01mm
Color	Black

Features

- 20AWG Solid Bare Copper Conductor For Optimal Signal Transmission
- 95% Bare Copper Braid Coverage For Optimum Signal Protection
- Indoor Cable Application for: CCTV
- cETLus, CE、RoHS Compliant
- 1000ft Wooden Spool

Performance

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

Frequency (MHZ)	Attenuation Max(dB/100ft)	Attenuation Max(dB/100m)	SRL (dB)	
1	0.24	0.79	5~1000MHz	>=20
10	0.76	2.50		
55	2.05	6.73		
100	2.6	8.53		
250	4.1	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
Impedence (ohms)	75±3.0
Capacitance (pF/ft)	16.86
Conductor,DC@20℃	10.43
DC Loop Resistance@ 20℃ (ohms/kft)	14.95
Velocity Of Propagation (%)	85

Mechanical Characteristics:

Test Object		Jacket
Test Material		PVC
Before Aging	Tensile strength (Mpa)	13.8
	Elongation (%)	200
Aging Condition	(°Cxhrs)	100x168
After Aging	Tensile Strength (%)	>=85% of unaged
	Elongation (%)	>=50% of unaged
Cold Bend(-20±2°Cx4hrs)		No crack