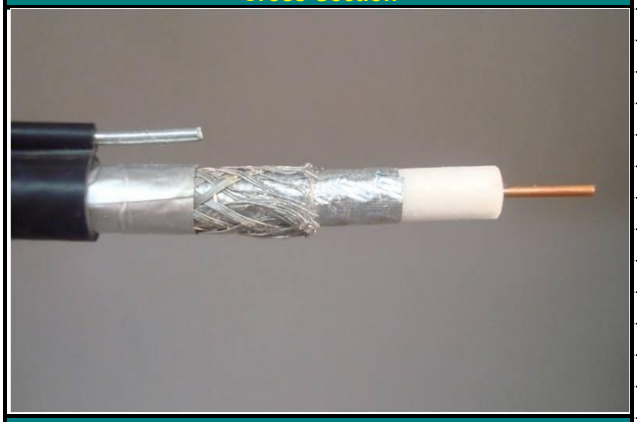
RG6 Tri-shield Coaxial Cable+Messenger SPE

DATE:2019.04.22

Cross Section



DESCRIPTION

RG6 Tri Shield, W/ Messenger, 18 AWG CCS, 60% Aluminum Braid, PVC Jacket, 1000ft Wooden Spool.

Technical Data

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

Construction

Conductor	
Size	18AWG
Material	Copper Clad Ateel(CCS)
Construction	1.02±0.01mm
Dielectric	
Material	Foam PE
Diameter	4.75±0.01mm
Color	White
First Shield	Bonded Aluminum Foil
Braid	Aluminum Wire(Alu-Mag)
Coverage	60%x16x6x0.12±0.005mm
Third Shield	Aluminum Foil
Messenger	Galvanized Steel
Diameter	1.3±0.1mm
Jacket	
Material	PVC
Diameter	7.0*2.8±0.01mm
Color	Black

Features

- High-Grade RG6 Coaxial Cable
- 18AWG Solid Copper-Clad Steel
- Messenger (Aerial Installs)
- Suitable for Digital HDTV Applications, CATV and Digital Satellite Installations
- 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)	
5	0.79	2.57	5~1000MHz	>=20
10	0.82	2.66		
50	1.47	4.79		
100	2.05	6.72		
200	2.84	9.28		
400	4.06	13.28		
700	5.6	18.36		
900	6.24	20.43		
1000	6.6	21.61		
1200	7.5	24.59	1001~3000MHz	>=15
1450	8.04	26.36		
1800	8.84	28.98		
2200	9.77	32.03		
2500	11.13	36.47		
2750	11.58	37.94		
3000	12.06	39.54		

Dielectric Strength (kV/min)	1
Impedence (ohms)	75±3.0
Capacitance (pF/ft)	16.53
Conductor,DC@20℃	31
DC Loop Resistance@ 20℃ (ohms/kft)	45.45
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