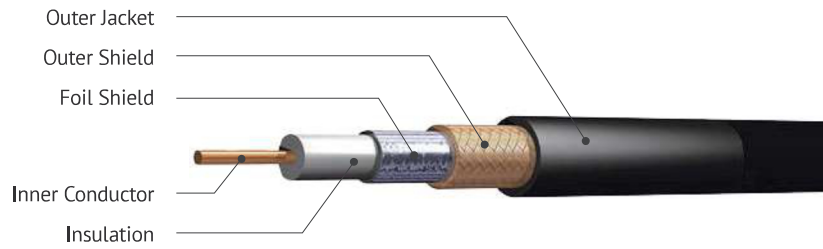


## Description

- RG6 18AWG 75Ω Coaxial Cable
- 18AWG 1.016mm solid bare copper conductor
- Foam high density polyethylene insulation
- Foil & aluminium braid shield (95% coverage)
- PE jacket



## Applications

- Uses for high frequency MATV or HD video signal applications

## Physical Characteristics (Overall)

Inner Conductor	Bare Copper Covered Steel
AWG	18
Conductor Diameter	1.016mm
Stranding	Solid
Insulation	Hi-Density Polyethylene
Insulation Diameter	4.572mm
Outer Shield	Aluminium
Coverage	95%
Foil Shield	Aluminium Foil
Outer Jacket	PVC - Polyvinyl Chloride
Overall Cable	
Overall Nom. Diameter	6.96mm

## Mechanical Characteristics (Overall)

Operating Temperature Range	-30°C ~ +60°C
Non-UL Temperature Rating	60°C
Bulk Cable Weight	18.60 kg/305m
Max. Recommended Pulling Tension	31.30 kg
Min. Bend Radius/Minor Axis	69.85 mm
Suitability	Indoor / Outdoor
Plenum (Y/N)	N

## Electrical Characteristics (Overall)

Dielectric Strength	1.0kV/min
Impedence	75Ω
SRL (dB, 0-300MHz)	>=20
Capacitance	53.1pF/m
Conductor DCR @ 20°C	<=102ohms/km
Velocity of Propagation	>=82%
Frequency (MHz)	Attenuation (dB/100ft)
5	0.58
55	1.6
211	3.05
250	3.3
400	4.15
600	5.1
750	5.65
870	6.11
1000	6.55
1300	7.46
1450	7.89
1750	8.74
2150	9.69
2600	10.76
2832	11.51
3000	11.84