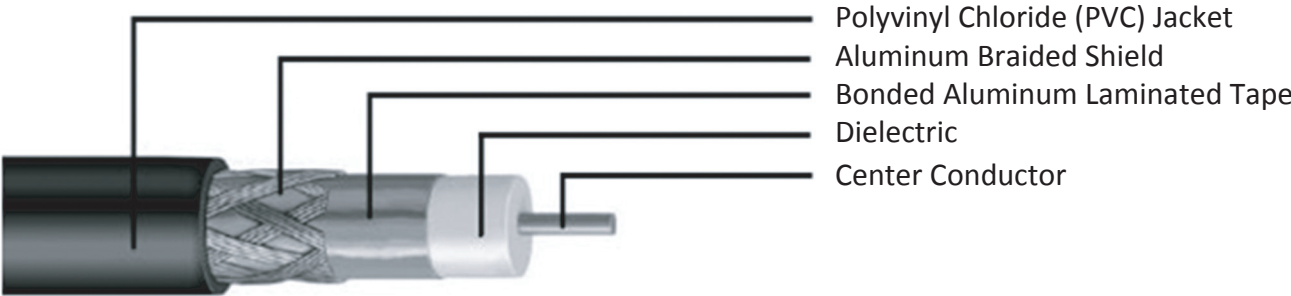


Description

18 AWG Copper Cover Steel Center Conductor, Gas Expanded Polyethylene, Bonded Aluminum Laminated Tape, Aluminum Braided Shield and Polyvinyl Chloride Jacket.



Suitable Applications	Closed-Circuit Television, SMATV.
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Physical Characteristics		
Items	Description	Nominal Diameter
Center Conductor	18 AWG Copper Cover Steel	1.02 mm
Dielectric	Gas Expanded Polyethylene	4.57 mm (Over Dielectric)
Shields	Shield 1 : Laminated Aluminum Tape Bonded to Dielectric Shield 2 : 34 AWG Aluminum Braid Wire (60% Coverage)	4.75 mm (Over Tape) 0.16 mm
Jacket	Polyvinyl Chloride (PVC)	6.90 mm (Over Jacket)

Electrical Characteristics	
Impedance	75 ± 3.0 Ohms
Velocity of Propagation	85.0% Nominal
Structural Return Loss	5 MHz – 1000 MHz ≥ 20 dB 1000 MHz – 3000 MHz ≥ 15 dB
Nominal DC Resistance	Center Conductor : 100.1 Ohms/km Outer Conductor : 34.4 Ohms/km

Attenuation @ 68°F (20°C)			
Frequency (MHz)	dB/100m Maximum	Frequency (MHz)	dB/100m Maximum
5	2.104	600	15.321
55	5.013	750	17.196
83	5.969	865	18.537
187	8.406	1000	20.010
250	9.683	1200	21.992
300	10.639	1450	24.275
350	11.505	1800	27.299
400	12.399	2200	30.426
450	13.146	2400	31.918
500	13.900	2800	34.649
550	14.614	3000	36.018