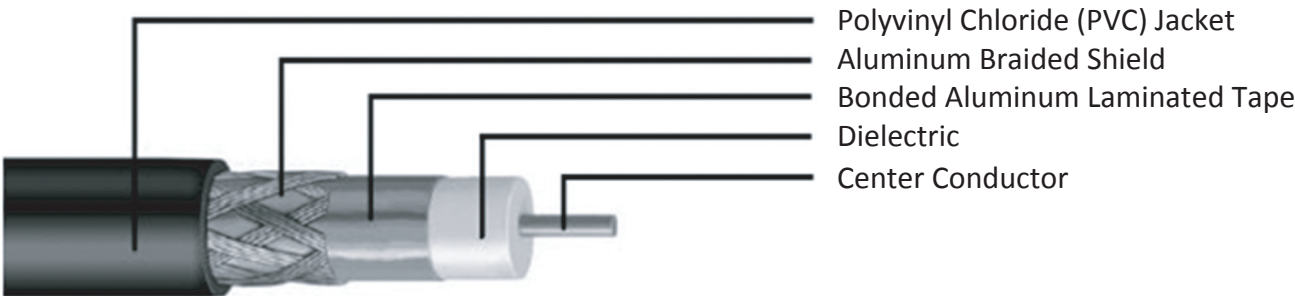


Description

20 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
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Physical Characteristics		
Items	Description	Nominal Diameter
Center Conductor	20 AWG Copper Cover Steel	0.81 mm
Dielectric	Gas Expanded Polyethylene	3.66 mm (Over Dielectric)
Shields	Shield 1 : Laminated Aluminum Tape Bonded to Dielectric Shield 2 : 34 AWG Aluminum Braid Wire (67% Coverage)	3.84 mm (Over Tape) 0.16 mm
Jacket	Polyvinyl Chloride (PVC)	6.00 mm (Over Jacket)

Electrical Characteristics	
Impedance	75 ± 3 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 : 149.3 Ohms/km Outer Conductor : 34.4 Ohms/km

Attenuation @ 68°F (20°C)			
Frequency (MHz)	dB/100m Maximum	Frequency (MHz)	dB/100m Maximum
5	2.736	600	19.740
55	6.284	750	22.216
83	7.407	865	24.041
187	10.659	1000	25.996
250	12.269	1200	28.746
300	13.465	1450	31.830
350	14.674	1800	35.946
400	15.793	2200	40.294
450	16.840	2400	42.356
500	17.858	2800	46.162
550	18.775	3000	48.127