

CABLE SPECIFICATION

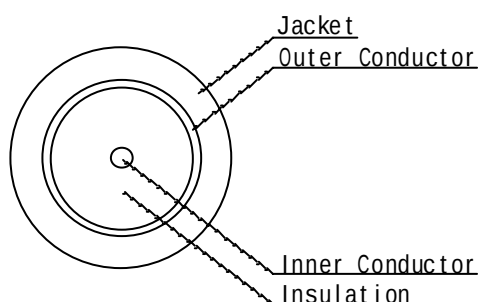
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Model	L - 5 C 2 V S	Ver4.4
Applications	75Ω Coaxial Cable	



Physical Characteristics		Dimensions	Specifications	Remarks
Inner Conductor	Structure	mm/qty (mil/)	A0.26/ 7 (10.24/)	Annealed Copper
	Nom.Cross Section Area	mm ² (mil□)	0.37 (573.5)	22AWG
	Outer Diameter	mm (mil)	0.78 (30.71)	
Insulation	Type		PE	Polyethylene
	Thickness	mm (mil)	2.01 (79.13)	
	Outer Diameter	mm (Inch)	4.80 (0.189)	
Outer Conductor1	Type	mm/piece/carr(mil/)	A0.12/ 7/24 (4.72/)	Annealed Copper
	Thickness	mm (mil)	-	
	Coverage	%	>93	
Outer Conductor2	Type	mm/piece/carr(mil/)	-	
	Thickness	mm (mil)	-	
	Coverage	%	-	
Jacket	Type		PVC	Color:Blk,Brn,Red.Orn,Yel,Grn,Blu,Gry,Wht.
	Thickness	mm (mil)	1.1 (43.31)	Custom colors available.
	Overall Diameter	mm (Inch)	7.4 (0.29)	Brittle Temp. -30°C(-22°F)
Marking			75Ω Coaxial Cable L-5C2VS CANARE <Year code> MADE IN JAPAN	
Weight		kg/100m(lbs/1000ft)	6.8 (45.7)	

Cable Cross Section



Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
D.C.Resistance	Inner Conductor	Ω/100m (/1000ft)	<= 5.0 (<=15.3)	Attenuation dB/100m (/1000ft)
	Outer Conductor	Ω/100m (/1000ft)	<= 1.2 (<=3.6)	
Voltage Withstanding	Min.Breakdown Voltage.	VAC·1min	1000 (1000)	10MHz 2.9 (8.8)
Insulation Resistance	Between Conductors	MΩ·km (·3000ft)	>= 1000 (>=1000)	30MHz 5.2 (15.8)
Char. Impedance		Ω at 10MHz	75 ± 3	72MHz 8.1 (24.7)
Capacitance	Between Conductors	pF/m (pF/ft)	67 ± 3 (20.4)	88MHz 9.0 (27.4)
Attenuation				135MHz 11.4 (34.7)
				180MHz 13.3 (40.5)
				270MHz 16.5 (50.3)
				750MHz 29.2 (89.0)

Mechanical Characteristics		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	>= 11.0	
		%	>= 220	

Environment Characteristics	Specifications	Remarks
Migration	No deformity, discoloration or other flaws must be found on ABS resin plates during visual inspection.	Test conditions: Temperature: 50 ±1 Duration: 24 hours ±1 hour (humidity not designated) Load: 500g ±25g
Flame Retardance	Flame must extinguish naturally within 60 seconds.	Perform inclination test according to JIS C 3005.

Note: Testing must be performed under standard conditions set down in "JIS C 60068-1 General Environmental Testing Rules(Electric/Electronics)."

Standard Conditions: Unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35 , a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.