

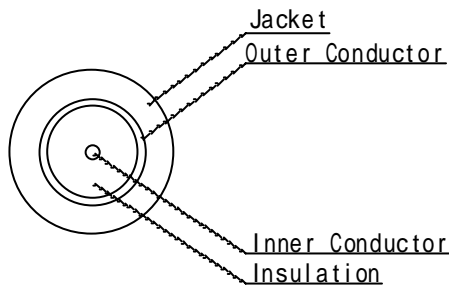
CABLE SPECIFICATION

Model L - 3 C 2 V S Ver3.5
 Applications 75 Coaxial Cable



Physical Characteristics		Dimensions	Specifications	Remarks
Inner Conductor	Structure	mm/qty (mil/)	A0.18/ 7 (7.09/)	Annealed Copper
	Nom.Cross Section Area	mm ² (mil)	0.18 (279.0)	25AWG
	Outer Diameter	mm (mil)	0.54 (21.26)	
Insulation	Type		PE	Polyethylene
	Thickness	mm (mil)	1.28 (50.39)	
	Outer Diameter	mm (Inch)	3.10 (0.122)	
Outer Conductor1	Type	mm/piece/carr(mil/)	A0.12/ 7/16 (4.72/)	Annealed Copper
	Thickness	mm (mil)	-	
	Coverage	%	>94	
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)	1.0 (39.37)	Custom colors available.
	Overall Diameter	mm (Inch)	5.5 (0.22)	
	Marking		75 Coaxial Cable L-3C2VS CANARE <Year code> MADE IN JAPAN	Brittle Temp. -30°C(-22°F)
Weight		kg/100m(lbs/1000ft)	4.5 (30.2)	

Cable Cross Section



Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
D.C.Resistance	Inner Conductor	/100m (/1000ft)	<= 10.5 (<=31.9)	Attenuation dB/100m (/1000ft)
	Outer Conductor	/100m (/1000ft)	<= 1.9 (<=5.7)	
Voltage Withstanding	Min.Breakdown Voltage.	VAC:1min	1000 (1000)	10MHz 4.5 (13.7)
Insulation Resistance	Between Conductors	M · km (·3000ft)	>= 1000 (>=1000)	30MHz 7.9 (24.1)
Char. Impedance		at 10MHz	75 ± 3	72MHz 12.4 (37.8)
Capacitance	Between Conductors	pF/m (pF/ft)	67 ± 3 (20.4)	88MHz 13.7 (41.8)
Attenuation				135MHz 17.2 (52.4)
				180MHz 20.0 (61.0)
				270MHz 24.8 (75.6)
				750MHz 43.2 (131.7)

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-C3005.

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.