

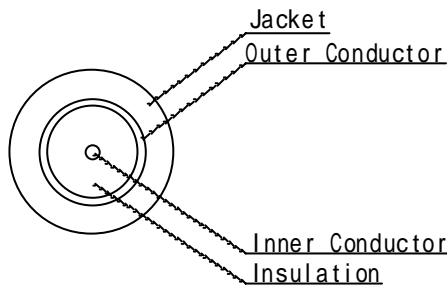
# CABLE SPECIFICATION

Model LV - 61S Ver3.5  
 Applications 75 Coaxial Cable



Physical Characteristics		Dimensions	Specifications	Remarks
Inner Conductor	Structure	mm/qty (mil/)	A0.20/ 7 (7.87/ )	Annealed Copper
	Nom.Cross Section Area	mm <sup>2</sup> ( mil )	0.22 (341.0)	24AWG
	Outer Diameter	mm ( mil)	0.60 (23.62)	
Insulation	Type		PE	Polyethylene
	Thickness	mm ( mil)	1.50 (59.06)	
	Outer Diameter	mm ( Inch)	3.60 (0.142)	
Outer Conductor1	Type	mm/piece/carr(mil/)	A0.12/ 6/24 (4.72/ )	Annealed Copper
	Thickness	mm ( mil)	-	
	Coverage	%	>95	
Outer Conductor2	Type	mm/piece/carr(mil/)	-	
	Thickness	mm ( mil)	-	
	Coverage	%	-	
Jacket	Type		PVC	Color:Blk,Brn,Red.Orn,Yel,Grn, Blu,Gry.
	Thickness	mm ( mil)	1.0 (39.37)	Custom colors available.
	Overall Diameter	mm ( Inch)	6.1 (0.24)	
	Marking		75 Coaxial Cable LV-61S CANARE <Year code> MADE IN JAPAN	Brittle Temp. -30°C(-22°F)
Weight	kg/100m(lbs/1000ft)		5.0 (33.6)	

## Cable Cross Section



Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
D.C.Resistance	Inner Conductor	/100m (/1000ft)	<= 8.5 (<=25.9)	Attenuation dB/100m (/1000ft)
	Outer Conductor	/100m (/1000ft)	<= 1.3 (<=4.0)	
Voltage Withstanding	Min.Breakdown Voltage.	VAC:1min	1000 (1000)	10MHz 3.8 (11.6)
Insulation Resistance	Between Conductors	M ·km ( ·3000ft )	>= 1000 (>=1000)	30MHz 6.6 (20.1)
				72MHz 10.4 (31.7)
Char. Impedance	Between Conductors	at 10MHz	75 ± 3	88MHz 11.6 (35.4)
				135MHz 14.5 (44.2)
Capacitance	Between Conductors	pF/m ( pF/ft )	67 ± 3 (20.4)	180MHz 16.9 (51.5)
				270MHz 20.9 (63.7)
				750MHz 36.6 (111.6)

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.