

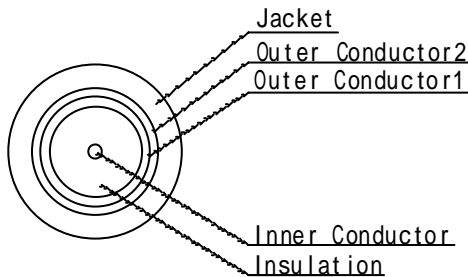
# CABLE SPECIFICATION

Model L - 3 C 2 W Ver1.5  
 Applications 75 Coaxial Cable



Physical Characteristics		Dimensions	Specifications	Remarks
Inner Conductor	Structure	mm/qty (mil/ )	A0.50/ 1 (19.69/ )	Annealed Copper
	Nom.Cross Section Area	mm <sup>2</sup> ( mil )	0.20 (310.0)	25AWG
	Outer Diameter	mm ( mil)	0.50 (19.69)	
Insulation	Type		PE	Polyethylene
	Thickness	mm ( mil)	1.30 (51.18)	
	Outer Diameter	mm ( Inch)	3.10 (0.122)	
Outer Conductor1	Type	mm/piece/carr(mil/ )	TA0.14/ 5/24 (5.51/ )	Tinned Annealed Copper
	Thickness	mm ( mil)	-	
	Coverage	%	>97	
Outer Conductor2	Type	mm/piece/carr(mil/ )	TA0.14/ 5/24 (5.51/ )	Tinned Annealed Copper
	Thickness	mm ( mil)	-	
	Coverage	%	>93	
Jacket	Type		PVC	Color:Blk. Custom colors available.
	Thickness	mm ( mil)	1.1 (43.31)	
	Overall Diameter	mm ( Inch)	6.5 (0.26)	
	Marking		75 Coaxial Cable L-3C2W CANARE <Year code> MADE IN JAPAN	Brittle Temp. -25°C(-13°F)
Weight	kg/100m(lbs/1000ft)		7.0 (47.0)	

Cable Cross Section



Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
D.C.Resistance	Inner Conductor	/100m ( /1000ft)	<= 9.3 (<=28.4)	Attenuation dB/100m ( /1000ft)
	Outer Conductor	/100m ( /1000ft)	<= 0.6 (<=1.8)	
Voltage Withstanding	Min.Breakdown Voltage.	VAC·1min	1000 (1000)	10MHz 4.1 (12.5)
Insulation Resistance	Between Conductors	M ·km ( ·3000ft )	>= 1000 (>=1000)	30MHz 7.2 (21.9)
Char. Impedance		at 10MHz	75 ± 3	72MHz 11.3 (34.4)
Capacitance	Between Conductors	pF/m ( pF/ft )	67 ± 3 (20.4)	88MHZ 12.5 (38.1)
Attenuation				135MHz 15.7 (47.9)
				180MHz 18.3 (55.8)
				270MHz 22.8 (69.5)
				750MHz 40.0 (121.9)

Mechanical Characteristics		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	>= 10.0	
		%	>= 190	

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.