

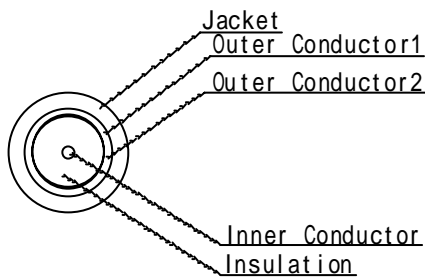
# CABLE SPECIFICATION

Model L - 2.5 C F B Ver2.0  
 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)	24AWG
	Outer Diameter	mm ( mil)	0.50 (19.69)	
Insulation	Type		FPE	Foam polyethylene
	Thickness	mm ( mil)	0.95 (37.40)	
Outer Conductor1	Outer Diameter	mm ( Inch)	2.40 (0.094)	
	Type	mm/piece/carr(mil/ )	Aluminum foil	
	Thickness	mm ( mil)	0.05 (1.97)	
Outer Conductor2	Coverage	%	100	
	Type	mm/piece/carr(mil/ )	TA0.12/ 6/16 (4.72/ )	Tinned Annealed Copper
	Thickness	mm ( mil)	-	
Jacket	Coverage	%	>92	
	Type		PVC	Color:Blk. Custom colors available.
	Thickness	mm ( mil)	0.5 (19.69)	
	Overall Diameter	mm ( Inch)	4.0 (0.16)	
Marking			75 Coaxial Cable L-2.5CFB CANARE <Year code> MADE IN JAPAN	Brittle Temp. -20°C(-4°F)
Weight	kg/100m(lbs/1000ft)		2.4 (16.1)	

## 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)	<= 2.0 (<=6.2)	
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	1000 (1000)	10MHz 4.8 (14.6)
Insulation Resistance	Between Conductors	M · km ( ·3000ft )	>= 1000 (>=1000)	30MHz 7.6 (23.2)
Char. Impedance		at 10MHz	75 ± 3	72MHz 11.3 (34.4)
Capacitance Attenuation	Between Conductors	pF/m ( pF/ft )	55 (16.8)	88MHz 12.4 (37.8)
				135MHz 15.1 (46.0)
				180MHz 17.4 (53.0)
				270MHz 21.5 (65.5)
				750MHz 37.0 (112.8)
				2.4GHz 70.5 (214.9)

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

Environment Characteristics	Specifications	Remarks
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.