

CABLE SPECIFICATION

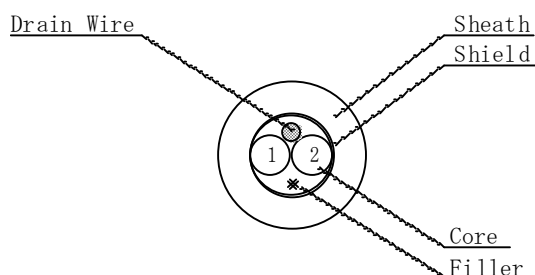
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Model L-2E5AL SAA029E Ver2.8
Applications Instrumentation Cable



Physical Characteristics		Unit	Specifications		Remarks
No. of Cond. Conductor	Construction	qty/mm (/mil)	2		Pair
	Nom. Cross Section Area	mm ² (mil ²)	7/TA0.23 (/9.06)		Overall Tin Coated Copper
	Outer Diameter	mm (mil)	0.29 (449.5)		23AWG
Insulation	Outer Diameter	mm (mil)	0.69 (27.17)		
	Type		PE		Color:Org & Wht
	Thickness	mm (mil)	0.35 (13.78)		
Pair/Quad Strand	Outer Diameter	mm (Inch)	1.39 (0.055)		
	Pitch	mm (Inch)	<= 30.0 (<=1.18)		Filler Material:Cotton
	Type		Aluminum Tape		Drain Wire : 7/0.23mm(/9.06mil)
Shield	Thickness	mm (mil)	0.03 (1.18)		23AWG/ Overall Tin Coated Copper
	Coverage	%	100		
	Type		PVC		Color:Gry
Sheath	Thickness	mm (mil)	1.1 (43.31)		Custom colors available.
	Overall Diameter	mm (Inch)	5.0 (0.20)		
					Brittle Temp. -20°C(-4°F)
Marking			L-2E5AL CANARE <Year code> MADE IN JAPAN		
Weight		kg/100m(lbs/1000ft)	3.7 (24.9)		

Cable Cross Section



Electrical Characteristics (Nominal)		Unit	Specifications		Remarks
Rated Voltage		V	AC 60		
Rated Current			—		
D. C. Resistance	Conductor	Ω/100m (/1000ft)	<= 6.8 (<=20.8)		
	Shield Conductor	Ω/100m (/1000ft)	—		
Voltage Withstanding Min. Breakdown Voltage.		VAC·1min	500		
Insulation Resistance Between Conductors		MΩ·km (·3000ft)	>= 1000 (>=1000)		

Mechanical Characteristics (Nominal)		Unit	Specifications		Remarks
Tensile Strength	Sheath	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.
	A vertical specimen of an insulated conductor shall not flame longer than 60s following five 15s applications of flame.		The VW-1 flame test specified in UL1581.

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°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.