

CABLE SPECIFICATION

1/1

Model

L-4E3-24P

Ver4.0

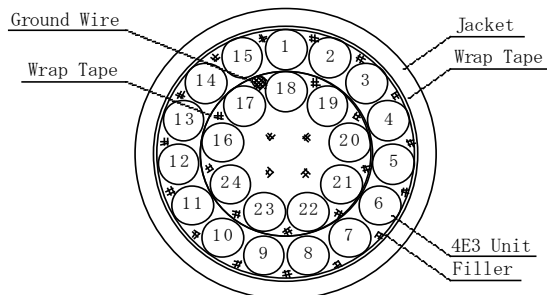
Applications



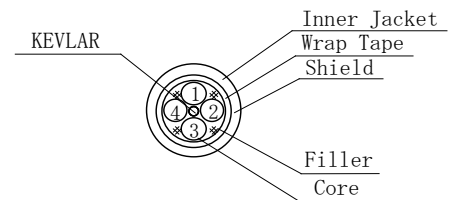
Canare Electric Co., Ltd.

Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	96	24 Quads
	Nom. Cross Section Area	mm ² (mil ²)	A0.12/ 7 (4.72/)	Annealed Copper
	Outer Diameter	mm (mil)	0.08 (124.0) 0.36 (14.17)	28AWG
Insulation	Type		XLPE	XLPE:Crosslinked Polyethylene
	Thickness	mm (mil)	0.27 (10.63)	
	Outer Diameter	mm (Inch)	0.90 (0.035)	
Pair/Quad Strand Shield	Pitch	mm (Inch)	<= 16.0 (<=0.63)	Filler Materials :Cotton/KEVLAR
	Type	mm/piece/carr(mil/)	A0.10/ 6/16 (3.94/)	Annealed Copper
	Thickness	mm (mil)	—	
Inner Jacket	Coverage	%	93	
	Type		PVC	Color:Gray
	Thickness	mm (mil)	0.3 (11.81)	
	Overall Diameter	mm (Inch)	3.4 (0.13)	
Wrap Tape	Thickness	mm (mil)	0.025 (0.98)	Polyester Tape
Wrap Tape	Thickness	mm (mil)	0.16 (6.30)	Non Woven Fabric Tape
Jacket	Type		PVC	Filler Materials :Jute
	Thickness	mm (mil)	1.5 (59.06)	Color :Black
	Overall Diameter	mm (Inch)	24.0 (0.94)	Brittle Temp. -20°C(-4°F)
	Marking		L-4E3-24P CANARE CABLE MADE IN JAPAN	<Year code>
Weight		kg/100m(lbs/1000ft)	70 (470.4)	

Cable Cross Section



Unit



Channel Color Code : Inner Jacket_GRY <Spiral Marker>

1	2	3	4	5	6	7	8	9	10
RED	BLU	YEL	GRN	BRN	—	BLU·BLK	YEL·BLK	GRN·BLK	BRN·BLK
1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0
— ·BLK	BLU·ORN	YEL·ORN	GRN·ORN	BRN·ORN	— ·ORN	BLU·PNK	YEL·PNK	GRN·PNK	BRN·PNK
2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	3 0
— ·PNK	BLU·WHT	YEL·WHT	GRN·WHT						
3 1	3 2	3 3	3 4	3 5	3 6	3 7	3 8	3 9	4 0

Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
Rated Voltage		V	AC 60	
Rated Current			—	
D. C. Resistance	Conductor	Ω /100m (/1000ft)	$\leq$ 24.9 ($\leq$ 75.9)	
	Shield	Ω /100m (/1000ft)	$\leq$ 3.4 ($\leq$ 10.4)	
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	500 (500)	
Insulation Resistance	Between Conductors	M Ω ·km (·3000ft)	$\geq$ 1000 ($\geq$ 1000)	
Char. Impedance		Ω at 6MHz	—	
Capacitance	Between Conductors	pF/m (pF/ft)	—	
	Conductors to Shield	pF/m (pF/ft)	—	
Attenuation		dB/100m (/1000ft)	—	
Mechanical Characteristics (Nominal)		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	$\geq$ 11.0	
		%	$\geq$ 260	
Environment Characteristics		Specifications		Remarks
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°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.