

CABLE SPECIFICATION

1/1

Model

L-4E4-24AT

Ver4.0

Applications

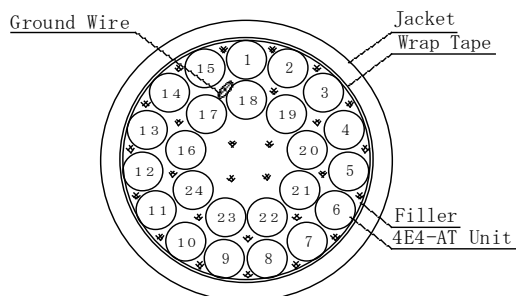
Audio Multi Cable for Microphone, Line

CANARE

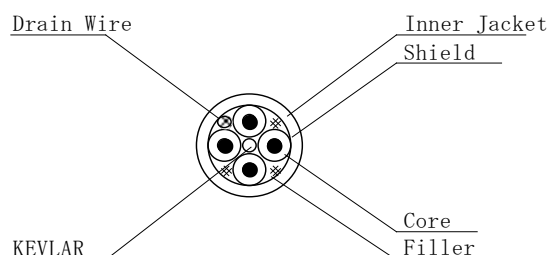
Canare Electric Co., Ltd.

Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	96	24 Quads
	Nom. Cross Section Area	mm ² (mil ²)	A0.12/16 (4.72/)	Annealed Copper
	Outer Diameter	mm (mil)	0.18 (279.0)	25AWG
Insulation	Type		PE	XLPE:Crosslinked Polyethylene
	Thickness	mm (mil)	0.32 (12.60)	Color:Blu & Wht, Blu & Wht
	Outer Diameter	mm (Inch)	1.20 (0.047)	
Pair/Quad Strand	Pitch	mm (Inch)	<= 21.0 (<=0.83)	Filler Materials : Cotton/KEVLAR
	Type	mm/piece/carr (mil/)	Aluminum foil	Drain Wire : 0.12mm/25 (4.72mil/)
	Thickness	mm (mil)	0.03 (1.18)	23AWG/ Tinned Annealed Copper
Inner Jacket	Coverage	%	100	
	Type		PVC	Color:Gray
	Thickness	mm (mil)	0.3 (11.81)	
Wrap Tape	Overall Diameter	mm (Inch)	3.7 (0.15)	
	Thickness	mm (mil)	0.16 (6.30)	Non Woven Fabric Tape
	Type		PVC	Filler Materials : PP
Jacket	Thickness	mm (mil)	1.7 (66.93)	Color:Gray
	Overall Diameter	mm (Inch)	26.1 (1.03)	Brittle Temp. -20°C(-4°F)
	Marking		L-4E4-24AT CANARE <Year code>	MADE IN JAPAN
Weight		kg/100m(lbs/1000ft)	76 (510.7)	

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	BLE-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)	<= 10.8 (<=33.0)	
	Shield	Ω/100m (/1000ft)	—	
Voltage Withstanding Min. Breakdown Voltage.		VAC·1min	500 (500)	
Insulation Resistance Between Conductors		MΩ·km (/·3000ft)	>= 1000 (>=1000)	
Mechanical Characteristics (Nominal)		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-C3005.
	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-C60068-1 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.