

CABLE SPECIFICATION

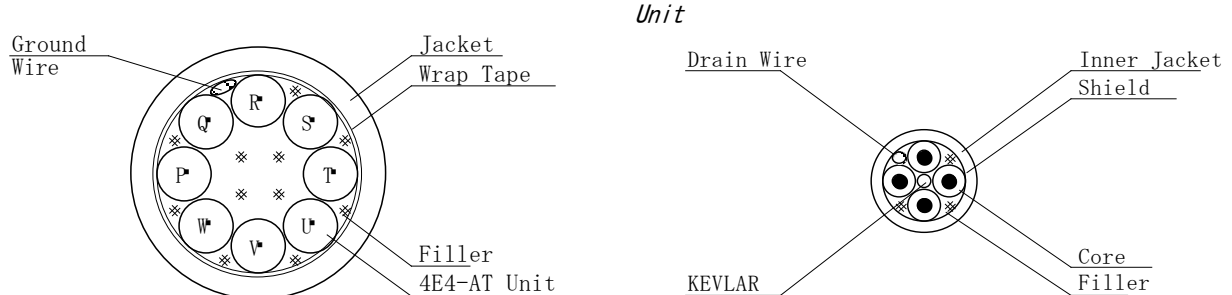
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Model	L-4E4-8AT	Ver3.3
Applications	Audio Multi Cable for Microphone, Line	



Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	32	8 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)	1.6 (61.02)	Color:Gray
	Overall Diameter	mm (Inch)	16.9 (0.67)	Brittle Temp. -20°C(-4°F)
	Marking		L-4E4-8AT CANARE <Year code>	MADE IN JAPAN
Weight		kg/100m(lbs/1000ft)	41 (275.5)	

Cable Cross Section



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		
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

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.	500 (500)	
Insulation Resistance		Between Conductors	>= 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.