

CABLE SPECIFICATION

1/1

Model

L-4E4-12AT

Ver4.0

Applications

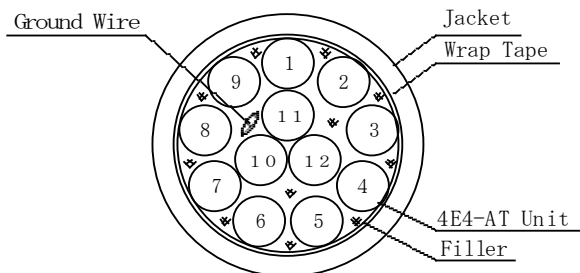
Audio Multi Cable for Microphone, Line

CANARE

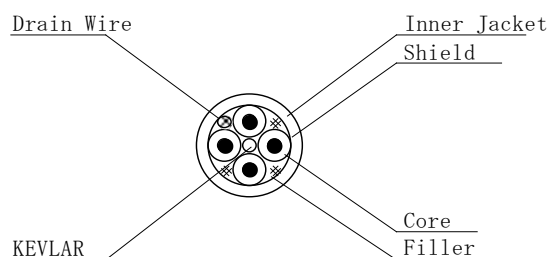
Canare Electric Co., Ltd.

Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	48 A0.12/16 (4.72/)	12 Quads Annealed Copper
	Nom. Cross Section Area	mm ² (mil ²)	0.18 (279.0)	25AWG
	Outer Diameter	mm (mil)	0.56 (22.05)	
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 Shield	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 Jacket	Overall Diameter	mm (Inch)	3.7 (0.15)	
	Thickness	mm (mil)	0.16 (6.30)	Non Woven Fabric Tape
	Type		PVC	Filler Materials: PP
	Thickness	mm (mil)	1.5 (59.06)	Color: Gray
	Overall Diameter	mm (Inch)	18.9 (0.74)	Brittle Temp. -20°C (-4°F)
	Marking		L-4E4-12AT CANARE <Year code>	MADE IN JAPAN
Weight		kg/100m (lbs/1000ft)	41 (275.5)	

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
11	12	13	14	15	16	17	18	19	20
BLK	BLU-ORN								
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	$\Omega/100m$ (/1000ft)	<= 10.8 (<=33.0)	
	Shield	$\Omega/100m$ (/1000ft)	—	
Voltage Withstanding Min. Breakdown Voltage.		VAC·1min	500 (500)	
Insulation Resistance Between Conductors		M Ω ·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.