

CABLE SPECIFICATION

A2V2-L 1/5



Canare Electric Co.,Ltd.

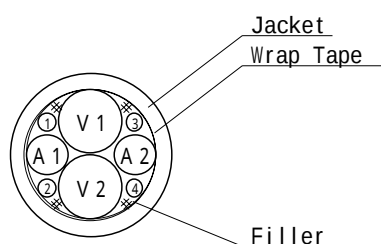
Model A 2 V 2 - L Ver2.7

Applications Composite Cable ; Video + Audio + Control

Description Coaxial(Video)_2, Shielded-Pair(Audio)_2, Control_3

UNIT-Type			Diameter mm (mil)		Remarks
Coaxial Unit	3C2V Unit	V1,V2	4.4	(0.17)	Color:Blk/Yel,Blk/ -
Audio Unit	L-2B2AT Unit	A1,A2	3.2	(0.13)	Color:Gry/Red,Gry/Blu
Control Unit	E02 Core	1 ~ 4	1.3	(0.05)	Color:Red,Blu,Yel,Wht
Physical Characteristics		Dimensions	Specifications		Remarks
Wrap Tape	Thickness	mm (mil)	0.05	(1.97)	Paper Tape
Outer Shield	Type	mm/piece (mil/)	-		Filler Materials : Cotton
	Coverage	%	-		
Drain Wire	Structure	mm/qty (mil/)	-		
	Gage		-		
Jacket	Type		PVC		Color:Black
	Thickness	mm (mil)	1.0	(39.37)	
	Overall Diameter	mm (Inch)	11.0	(0.43)	Brittle Temp. -20°C(- 4°F)
	Marking		A2V2-L CANARE CABLE <Year code> MADE IN JAPAN		
Weight		kg/100m(lbs/1000ft)	16.0	(107.5)	

Cable Cross Section



Electrical Characteristics (Nominal)	Dimensions	Specifications	Remarks
Coaxial-Unit Section			
D.C.Resistance	Inner Conductor	$\Omega/100m$ (/1000ft)	≤ 9.4 (≤ 28.7)
	Outer Conductor	$\Omega/100m$ (/1000ft)	≤ 1.1 (≤ 3.4)
Voltage Withstanding	Min.Breakdown Voltage.	VAC·1min	1000 (1000)
Insulation Resistance	Between Conductors	$M\Omega \cdot km$ (·3000ft)	≥ 1000 (≥ 1000)
Char. Impedance		Ω at 10MHz	75 ± 3
Capacitance	Between Conductors	pF/m (pF/ft)	67 ± 3 (20.4)
Attenuation		dB/100m (/1000ft)	-
Return Loss		Ω at 10MHz	-
Velocity of Propagation			
Audio-Unit Section			
Rated Voltage		V	AC 60
Rated Current			-
D.C.Resistance	Conductor	$\Omega/100m$ (/1000ft)	≤ 10.6 (≤ 32.3)
	Shield Conductor	$\Omega/100m$ (/1000ft)	-
Voltage Withstanding	Min.Breakdown Voltage.	VAC·1min	500 (500)
Insulation Resistance	Between Conductors	$M\Omega \cdot km$ (·3000ft)	≥ 1000 (≥ 1000)
Char. Impedance		Ω at 10MHz	-
Capacitance	Between Conductors	pF/m (pF/ft)	-
Control-Unit Section			
Rated Voltage		V	AC 60
Rated Current			-
D.C.Resistance	Conductor	$\Omega/100m$ (/1000ft)	≤ 9.3 (≤ 28.3)
	Shield Conductor	$\Omega/100m$ (/1000ft)	-
Voltage Withstanding	Min.Breakdown Voltage.	VAC·1min	500 (500)
Insulation Resistance	Between Conductors	$M\Omega \cdot km$ (·3000ft)	≥ 1000 (≥ 1000)

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<i>Environment Characteristics</i>	<i>Specifications</i>	<i>Remarks</i>
<i>Flame Retardance</i>	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-C0010 General Environmental Tesing Rules(Electric/Electronics)."

Standard Conditions:Unless otherwise specified, all tests and measurements should be performed within a normal temperature range of 15-35 , a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.

技仕815KE-AV2 Ver1.0

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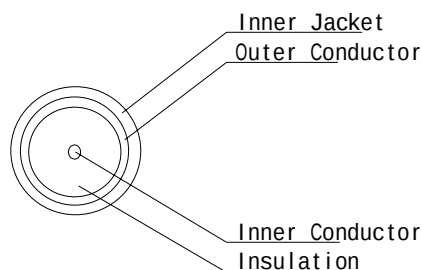
3C2V-Unit 3/5

Model <Unit> 3 C 2 V Unit Ver1.6
Applications 75Ω Coaxial Video Cable.



Physical Characteristics		Dimensions	Specifications	Remarks
Inner Conductor	Structure	mm/qty (mil/)	A0.50/ 1 (19.69/)	Annealed Copper
	Nom.Cross Section Area	mm ² (mil ²)	0.20 (310.0)	25AWG
	Outer Diameter	mm (mil)	0.50 (19.69)	
Insulation	Type		PE	Polyethylene
	Thickness	mm (mil)	1.30 (51.18)	
	Outer Diameter	mm (Inch)	3.10 (0.122)	
	Type	mm/piece/carr(mil/)	-	
	Thickness	mm (mil)	-	
Outer Conductor	Coverage	%	-	
	Type	mm/piece/carr(mil/)	TA0.14/ 5/24 (5.51/)	Annealed Copper
	Thickness	mm (mil)	-	
Inner Jacket	Coverage	%	>97	
	Type		PVC	
	Thickness	mm (mil)	0.3 (11.81)	
	Overall Diameter	mm (Inch)	4.4 (0.17)	
				Brittle Temp. -30°C(-22°F)

Cable Cross Section



Mechanical Characteristics		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	-	
		%	-	
Environment Characteristics	Specifications		Remarks	
Flame Retardance	-		-	
Migration	No deformity, discoloration or other flaws must be found on ABS resin plates during visual inspection.		Test conditions: Temperature: 50 ±1 Duration: 24 hours ±1 hour (humidity not designated) Load: 500g ±25g	

CABLE SPECIFICATION

L-2B2AT-Unit 4/5



Canare Electric Co.,Ltd.

Model <Unit>

L - 2 B 2 A T Unit

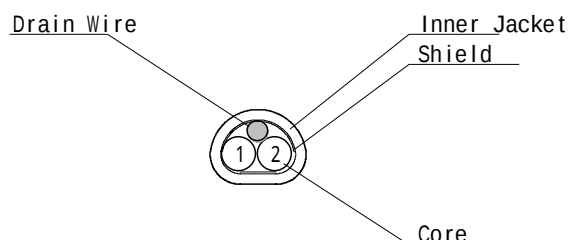
Ver4.9

Applications

Audio Cable for Microphone, Line

Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	2 A0.12/16 (4.72/)	Pair
	Nom. Cross Section Area	mm ² (mil ²)	0.18 (279.0)	Annealed Copper
	Outer Diameter	mm (mil)	0.56 (22.05)	25AWG
Insulation	Type		XLPE	Crosslinked Polyethylene
	Thickness	mm (mil)	0.32 (12.60)	Color:Org & Wht
	Outer Diameter	mm (Inch)	1.20 (0.047)	
Pair/Quad Strand Shield	Pitch	mm (Inch)	<= 25.0 (<=0.98)	
	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:Gry
	Thickness	mm (mil)	0.3 (11.81)	
	Overall Diameter	mm (Inch)	3.2 (0.13)	
				Brittle Temp. -20°C(-4°F)

Cable Cross Section



Mechanical Characteristics (Nominal)		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	-	
		%	-	
Environment Characteristics		Specifications		Remarks
Flame Retardance		Flame must extinguish naturally within 60 seconds.		Perform inclination test according to JIS-C3005.

CABLE SPECIFICATION

E02-Core 5/5



Canare Electric Co.,Ltd.

Model <Unit>

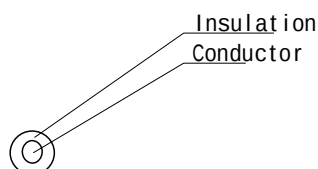
E 0 2 Core

Ver2.1

Applications

Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	4	Annealed Copper
	Nom. Cross Section Area	mm ² (mil ²)	A0.12/18 (4.72/)	
	Outer Diameter	mm (mil)	0.20 (310.0)	
Insulation	Type		0.60 (23.62)	Polyethylene
	Thickness	mm (mil)	PE	
	Outer Diameter	mm (Inch)	0.35 (13.78)	
Pair/Quad Strand Shield	Pitch	mm (Inch)	1.30 (0.051)	
	Type	mm/piece/carr(mil/)	-	
	Thickness	mm (mil)	-	
Inner Jacket	Coverage	%	-	
	Type		-	
	Thickness	mm (mil)	-	
	Overall Diameter	mm (Inch)	-	

Cable Cross Section



Mechanical Characteristics (Nominal)		Dimensions	Specifications	Remarks	
Tensile Strength	Jacket	MPa	-		
		%	-		
Environment Characteristics		Specifications		Remarks	
Flame Retardance		-		-	