

A/V Composite Cables

Used for linking audio video equipment and as extensions for video cameras.

— Key Features and Benefits

- A/V Combo Snakes.
- For ENG/EFP/OB applications.
- Audio + Video in Same Cable Bundle.
- Use with Canare 75 ohm BNC, F or RCA Crimp Plugs.



[For inquiries about this products](#)



A/V Composite Cables

Tech Data

Downloads

// A/V Composite Cables

Type	Cross-section view	Model	Sales units	Nom. O.D.	Weight	Unit type V:Video A:Audio C:Control line		Unit composition			Electrical characteristics	
								Cross sec. area Conductor comp.	Shield coverage	Unit. O.D.	Charac- teristic impedance	Attenuation
								mm ² /(AWG) Q'ty/mm	%	mm	ohm	dB/100m (10 MHz)
A2V1 Jacket color: Blk		A2V1	100 200	9.7	11	V	Video 3C-2V x 1	0.20(25) 1/0.5A	97%(braid)	4.4	75	4.1
						A	Audio L-2B2AT x 2	Refer to L- 2B2AT	Aluminum foil shield	3.2	-	-
		A2V2-L		11.0	16	V	Video 3C-2V x 2	0.20(25) 1/0.5A	97%(braid)	4.4	75	4.1
						A	Audio L-2B2AT x 2	Refer to L- 2B2AT	Aluminum foil shield	3.2	-	-
				C	Control Lines 0.2mm ² x 4	0.20(24) 18/0.12A	-	1.3	-	-		
		A2V1B		11.1	13	V	Video 3C-2VS x 1	0.18(25) 7/0.18A	97%(braid)	4.4	75	4.5
						A	Audio 4E3 Unit x 2	0.08(28) 7/0.12A	93%(braid)	3.4	-	-
		A2V2B		12.3	17	V	Video 3C-2VS x 2	0.18(25) 7/0.18A	97%(braid)	4.4	75	4.5
						A	Audio 4E3 Unit x 2	0.08(28) 7/0.12A	93%(braid)	3.4	-	-
		A3V2-FB		12.4	17	V	Video 3CFB Unit x 2	0.33(22) 1/0.65A	91%(braid) + Aluminum foil	4.4	75	3.7
A			Audio L-2B2AT x 3			Refer to L- 2B2AT	Aluminum foil shield	3.2	-	-		

Jacket: PVC, Dielectric strength: 500V AC/min.

— Key Features and Benefits / A2V1, A2V2-L

- Designed for fixed installation.

— Key Features and Benefits / A2V1B, A2V2B

- Ideal for locations requiring cable bending.

— Key Features and Benefits / A3V2-FB

- 3 balanced audio channels and 2 video coax channels for ENG, EFP, or OB applications.

CABLE SPECIFICATION

A2V1 1/3



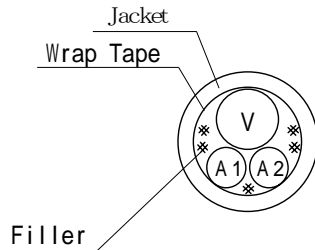
Model A 2 V 1 Ver2.8

Applications Composite Cable ; Video + Audio

Description Coaxial(Video)_1, Shielded-Pair(Audio)_2

UNIT-Type			Diameter mm (mil)	Remarks
Coaxial Unit	3C2V Unit	V	4.4 (0.17)	Color:Blk/ -
Audio Unit	L-2B2AT Unit	A1,A2	3.2 (0.13)	Color:Gry/Red,Gry/Blu
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/)	-	Color:Black
	Gage		-	
Jacket	Type		PVC	Brittle Temp. -20°C (- 4°F)
	Thickness	mm (mil)	1.0 (39.37)	
	Overall Diameter	mm (Inch)	9.7 (0.38)	
Marking			A2V1 CANARE CABLE <Year code> MADE IN JAPAN	
Weight		kg/100m(lbs/1000ft)	11.0 (73.9)	

Cable Cross Section



Electrical Characteristics (Nominal)	Dimensions	Specifications	Remarks
Coaxial-Unit Section			
D.C.Resistance	Inner Conductor	/100m (/1000ft)	<= 9.3 (<=28.3)
	Outer Conductor	/100m (/1000ft)	<= 1.1 (<=3.4)
Voltage Withstanding	Min.Breakdown Voltage.	VAC·1min	1000 (1000)
Insulation Resistance	Between Conductors	M ·km (·3000ft)	>= 1000 (>=1000)
Char.Impedance		at 10MHz	75 ± 3
Capacitance	Between Conductors	pF/m (pF/ft)	67 ± 3 (20.4)
Attenuation		dB/100m (/1000ft)	-
Return Loss		at 10MHz	-
Velocity of Propagation			
Audio-Unit Section			
Rated Voltage		V	AC 60
Rated Current			-
D.C.Resistance	Conductor	/100m (/1000ft)	<= 1.1 (<=3.2)
	Shield Conductor	/100m (/1000ft)	-
Voltage Withstanding	Min.Breakdown Voltage.	VAC·1min	500 (500)
Insulation Resistance	Between Conductors	M ·km (·3000ft)	>= 1000 (>=1000)
Char.Impedance		at 10MHz	-
Capacitance	Between Conductors	pF/m (pF/ft)	-

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-C0010 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 , a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.

CABLE SPECIFICATION

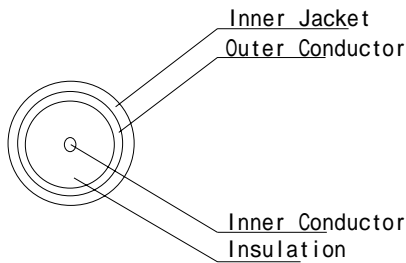
3C2V-Unit 2/3

Model <Unit> 3 C 2 V Unit Ver1.6
 Applications 75 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)	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 3/3

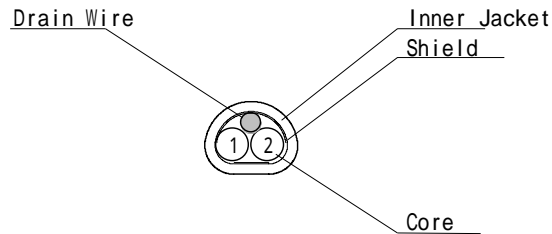


Canare Electric Co.,Ltd.

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.			2	Pair
Conductor	Structure	mm/qty (mil/)	A0.12/16 (4.72/)	Annealed Copper
	Nom. Cross Section Area	mm ² (mil)	0.18 (279.0)	25AWG
	Outer Diameter	mm (mil)	0.56 (22.05)	
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	Pitch	mm (Inch)	<= 25.0 (<=0.98)	
	Shield	Type	Aluminum foil	Drain Wire : 0.12mm/25(4.72mil/)
	Thickness	mm (mil)	0.03 (1.18)	23AWG/ Tinned Annealed Copper
	Coverage	%	100	
Inner Jacket	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

A2V2-L 1/5



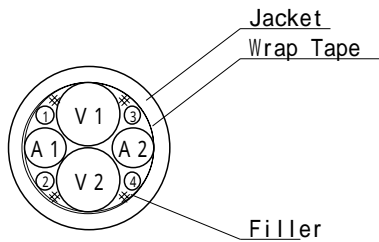
Canare Electric Co., Ltd.

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 MADE IN JAPAN	<Year code>
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	/100m (/1000ft)	≤ 9.4 (≤ 28.7)	Attenuation dB/100m (/1000ft) 10MHz 4.2 (12.8)
	Outer Conductor	/100m (/1000ft)	≤ 1.1 (≤ 3.4)	
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	1000 (1000)	
Insulation Resistance	Between Conductors	M · km (· 3000ft)	≥ 1000 (≥ 1000)	
Char. Impedance		at 10MHz	75 ± 3	
Capacitance	Between Conductors	pF/m (pF/ft)	67 ± 3 (20.4)	
Attenuation		dB/100m (/1000ft)	-	
Return Loss		at 10MHz	-	
Velocity of Propagation				
Audio-Unit Section				
Rated Voltage		V	AC 60	
Rated Current			-	
D.C. Resistance	Conductor	/100m (/1000ft)	≤ 10.6 (≤ 32.3)	
	Shield Conductor	/100m (/1000ft)	-	
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	500 (500)	
Insulation Resistance	Between Conductors	M · km (· 3000ft)	≥ 1000 (≥ 1000)	
Char. Impedance		at 10MHz	-	
Capacitance	Between Conductors	pF/m (pF/ft)	-	
Control-Unit Section				
Rated Voltage		V	AC 60	
Rated Current			-	
D.C. Resistance	Conductor	/100m (/1000ft)	≤ 9.3 (≤ 28.3)	
	Shield Conductor	/100m (/1000ft)	-	
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	500 (500)	
Insulation Resistance	Between Conductors	M · km (· 3000ft)	≥ 1000 (≥ 1000)	

CABLE SPECIFICATION

A2V2-L 2/5

<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 Testing 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

CABLE SPECIFICATION

3C2V-Unit 3/5

Model <Unit>
Applications

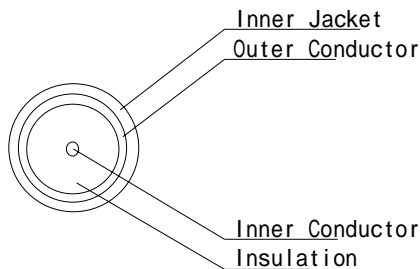
3 C 2 V Unit
75 Coaxial Video Cable.

Ver1.6



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)	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

Model <Unit>
Applications

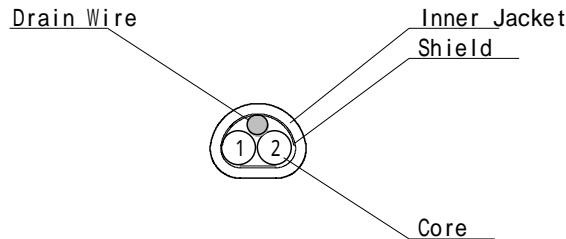
L - 2 B 2 A T Unit
Audio Cable for Microphone, Line

Ver4.9



Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	2	Pair
	Nom. Cross Section Area	mm ² (mil)	A0.12/16 (4.72/)	Annealed Copper
	Outer Diameter	mm (mil)	0.18 (279.0)	25AWG
Insulation	Outer Diameter	mm (mil)	0.56 (22.05)	
	Type		XLPE	Crosslinked Polyethylene
	Thickness	mm (mil)	0.32 (12.60)	Color:Org & Wht
Pair/Quad Strand	Outer Diameter	mm (Inch)	1.20 (0.047)	
	Pitch	mm (Inch)	<= 25.0 (<=0.98)	
Shield	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
	Coverage	%	100	
Inner Jacket	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

Model <Unit>
Applications

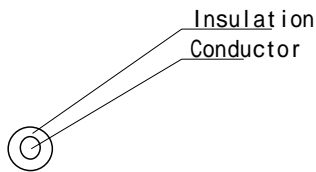
E 0 2 Core

Ver2.1



Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	4	Annealed Copper 24AWG
	Nom. Cross Section Area	mm ² (mil)	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	Pitch	mm (Inch)	1.30 (0.051)	
	Type	mm/piece/carr(mil/)	-	
Shield	Thickness	mm (mil)	-	
	Coverage	%	-	
	Type		-	
Inner Jacket	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	-	-

CABLE SPECIFICATION

A2V1B 1/3



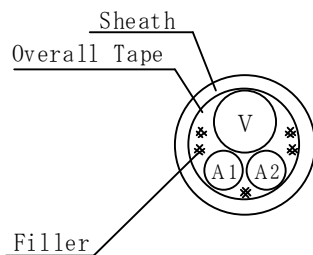
Model A 2 V 1 B SAA166E Ver1.7

Applications Composite Cable ; Video + Audio

Description Coaxial (Video)_1, Shielded-Starquad (Audio)_2

UNIT-Type			Diameter mm (mil)		Note
Coaxial Unit	3C Unit	V	4.4	(0.17)	Color:Yel
Audio Unit	4E3 Unit	A1, A2	3.4	(0.13)	Color:Blk, Gry
Physical Characteristics		Unit	Standard Value		Note
Overall Tape	Thickness	mm (mil)	0.16	(6.30)	Non Woven Fabric Tape
Outer Shield	Type	mm/piece (mil/)	—		Filler Materials : Jute
	Coverage	%	—		
Drain Wire	Structure	mm/qty (mil/)	—		Color:Black
	Gage		—		
Sheath	Type		PVC		Brittle Temp. -20°C (- 4°F)
	Thickness	mm (mil)	1.2	(47.24)	
	Overall Diameter	mm (Inch)	11.1	(0.44)	
Marking			A2V1B CANARE <Year code>		MADE IN JAPAN
Weight		kg/100m (lbs/1000ft)	13.0	(87.4)	

Cable Cross Section



Electrical Characteristics (Nominal)		Unit	Standard Value		Note
Coaxial-Unit Section					
D. C. Resistance	Inner Conductor	$\Omega/100m$ (/1000ft)	≤ 10.5	(≤ 32.0)	Attenuation dB/100m (/1000ft)
	Outer Conductor	$\Omega/100m$ (/1000ft)	≤ 1.1	(≤ 3.4)	
Voltage Proof	Min. Breakdown Voltage.	VAC·1min	1000	(1000)	10MHz 4.5 (13.7) 30MHz 7.9 (24.1)
Insulation Resistance	Between Conductors	$M\Omega \cdot km$ (·3000ft)	≥ 1000	(≥ 1000)	72MHz 12.4 (37.8)
Char. Impedance		Ω at 10MHz	75 ± 3		88MHz 13.7 (41.8)
Capacitance	Between Conductors	pF/m (pF/ft)	67 ± 3	(20.4)	135MHz 17.2 (52.4)
Attenuation		dB/100m (/1000ft)	—		270MHz 24.8 (75.6)
Velocity of Propagation		%	66		750MHz 43.2 (131.7)
Audio-Unit Section					
Rated Voltage		V	AC 60		
Rated Current			—		
D. C. Resistance	Conductor	$\Omega/100m$ (/1000ft)	≤ 24.8	(≤ 75.6)	
	Shield Conductor	$\Omega/100m$ (/1000ft)	≤ 3.4	(10.4)	
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	500	(500)	
Insulation Resistance	Between Conductors	$M\Omega \cdot km$ (·3000ft)	≥ 1000	(≥ 1000)	

Environment Characteristics	Specifications	Note
Flame Retardance	Flame must extinguish naturally within 60 seconds.	Perform inclination test according to JIS C 3005.

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.

CABLE SPECIFICATION

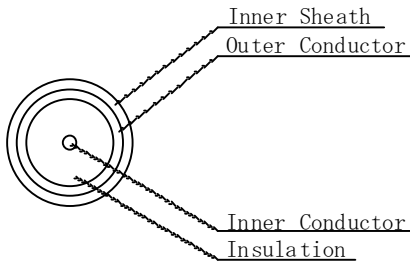
A2V1B 2/3

Model <Unit> 3 C Unit Ver4.0
 Applications 75Ω Coaxial Video Cable.



Physical Characteristics		Unit	Standard Value		Remarks
Inner Conductor	Construction	qty/mm (/mil)	7/ A0.18	(/7.09)	Annealed Copper 25AWG
	Nom. Cross Section Area	mm ² (mil□)	0.18	(279.0)	
	Outer Diameter	mm (mil)	0.54	(21.26)	
Insulation	Type		PE		Polyethylene
	Thickness	mm (mil)	1.28	(50.39)	
	Outer Diameter	mm (Inch)	3.10	(0.122)	
	Type	carr/end/mm (/mil)	—		
	Thickness	mm (mil)	—		
	Coverage	%	—		
Outer Conductor	Type	carr/end/mm (/mil)	24/ 5/A0.14	(/5.51)	Annealed Copper
	Thickness	mm (mil)	—		
	Coverage	%	≥97		
Inner Sheath	Type		PVC		
	Thickness	mm (mil)	0.3	(11.81)	
	Overall Diameter	mm (Inch)	4.4	(0.17)	

Cable Cross Section



Mechanical Characteristics		Unit	Standard Value		Remarks
Tensile Strength	Sheath	MPa	—		
		%	—		

Environment Characteristics	Specifications	Note
Flame Retardance	—	—
Migration	No deformity, discoloration or other flaws must be found on ABS resin plates during visual inspection.	Test conditions: Temperature: 50°C ±1°C Duration: 24 hours ±1 hour (humidity not designated) Load: 500g ±25g

CABLE SPECIFICATION

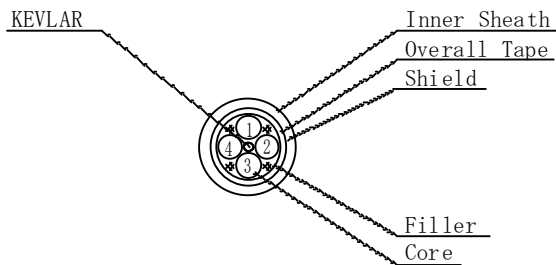
A2V1B 3/3



Model <Unit> 4E3 Unit Ver4.5
 Applications Audio Cable for Microphone, Line

Physical Characteristics	Unit	Standard Unit	Note
No. of Cond.		4	Quad
Conductor	Construction	7/A0.12 (/4.72)	Annealed Copper
	Nom. Cross Section Area	0.08 (124.0)	28AWG
	Outer Diameter	0.36 (14.17)	
Insulation	Type	XLPE	Crosslinked Polyethylene
	Thickness	0.27 (10.63)	Color:Blu & Wht
	Outer Diameter	0.90 (0.035)	
Pair/Quad Strand Shield	Pitch	<= 16.0 (<=0.63)	Filler Materials : Cotton/KEVLAR
	Type	16/ 6/A0.10 (/3.94)	Annealed Copper
	Thickness	-	
Inner Sheath	Coverage	>= 93	
	Type	PVC	Color:Blk, Gry
	Thickness	0.3 (11.81)	
	Overall Diameter	3.4 (0.13)	

Cable Cross Section



Mechanical Characteristics (Nominal)	Unit	Standard Value	Note
Tensile Strength Sheath	MPa	—	
	%	—	

Environment Characteristics	Specifications	Remarks
Flame Retardance	Flame must extinguish naturally within 60 seconds.	Perform inclination test according to JIS C 3005.

CABLE SPECIFICATION

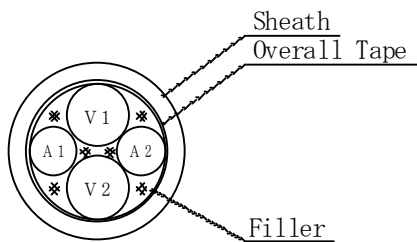
A2V2B 1/3



Model A 2 V 2 B SAA167E Ver1.7
 Applications Composite Cable ; Video + Audio
 Description Coaxial (Video)_2, Shielded-Starquad (Audio)_2

UNIT-Type			Diameter mm (mil)		Note
Coaxial Unit	3C Unit	V1, V2	4.4	(0.17)	Color:Yel, Wht
Audio Unit	4E3 Unit	A1, A2	3.4	(0.13)	Color:Blk, Gry
Physical Characteristics		Unit	Standard Value		Note
Overall Tape	Thickness	mm (mil)	0.16	(6.30)	Non Woven Fabric Tape
Outer Shield	Type	mm/piece (mil/)	—		Filler Materials : Jute
	Coverage	%	—		
Drain Wire	Structure	mm/qty (mil/)	—		
	Gage		—		
Sheath	Type		PVC		Color:Black
	Thickness	mm (mil)	1.2	(47.24)	
	Overall Diameter	mm (Inch)	12.3	(0.48)	Brittle Temp. -20°C (- 4°F)
	Marking		A2V2B CANARE <Year code> MADE IN JAPAN		
Weight		kg/100m (lbs/1000ft)	17.0	(114.2)	

Cable Cross Section



Electrical Characteristics (Nominal)		Unit	Standard Value		Note
Coaxial-Unit Section					
D. C. Resistance	Inner Conductor	$\Omega/100m$ (/1000ft)	≤ 10.5	(≤ 32.0)	Attenuation dB/100m (/1000ft)
	Outer Conductor	$\Omega/100m$ (/1000ft)	≤ 1.1	(≤ 3.4)	
Voltage Proof	Min. Breakdown Voltage.	VAC·1min	1000	(1000)	10MHz 4.5 (13.7) 30MHz 7.9 (24.1)
Insulation Resistance	Between Conductors	$M\Omega \cdot km$ (·3000ft)	≥ 1000	(≥ 1000)	72MHz 12.4 (37.8)
Char. Impedance		Ω at 10MHz	75 ± 3		88MHz 13.7 (41.8)
Capacitance	Between Conductors	pF/m (pF/ft)	67 ± 3	(20.4)	135MHz 17.2 (52.4)
Attenuation		dB/100m (/1000ft)	—		270MHz 24.8 (75.6)
Velocity of Propagation		%	66		750MHz 43.2 (131.7)
Audio-Unit Section					
Rated Voltage		V	AC 60		
Rated Current			—		
D. C. Resistance	Conductor	$\Omega/100m$ (/1000ft)	≤ 24.8	(≤ 75.6)	
	Shield Conductor	$\Omega/100m$ (/1000ft)	≤ 3.4	(10.4)	
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	500	(500)	
Insulation Resistance	Between Conductors	$M\Omega \cdot km$ (·3000ft)	≥ 1000	(≥ 1000)	

Environment Characteristics	Specifications	Note
Flame Retardance	Flame must extinguish naturally within 60 seconds.	Perform inclination test according to JIS C 3005.

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.

CABLE SPECIFICATION

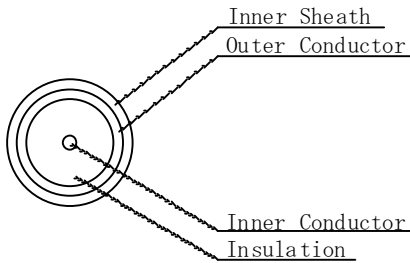
A2V2B 2/3

Model <Unit> 3 C Unit Ver4.0
 Applications 75Ω Coaxial Video Cable.



Physical Characteristics		Unit	Standard Value		Remarks
Inner Conductor	Construction	qty/mm (/mil)	7/ A0.18	(/7.09)	Annealed Copper 25AWG
	Nom. Cross Section Area	mm ² (mil□)	0.18	(279.0)	
	Outer Diameter	mm (mil)	0.54	(21.26)	
Insulation	Type		PE		Polyethylene
	Thickness	mm (mil)	1.28	(50.39)	
	Outer Diameter	mm (Inch)	3.10	(0.122)	
	Type	carr/end/mm (/mil)	—		
	Thickness	mm (mil)	—		
	Coverage	%	—		
Outer Conductor	Type	carr/end/mm (/mil)	24/ 5/A0.14	(/5.51)	Annealed Copper
	Thickness	mm (mil)	—		
	Coverage	%	≥ 97		
Inner Sheath	Type		PVC		
	Thickness	mm (mil)	0.3	(11.81)	
	Overall Diameter	mm (Inch)	4.4	(0.17)	

Cable Cross Section



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

CABLE SPECIFICATION

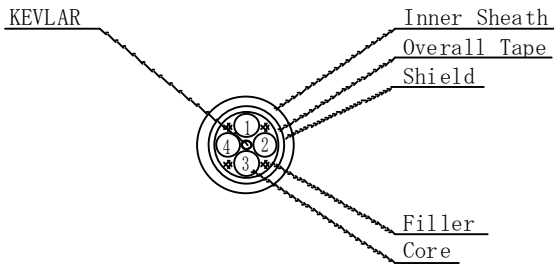
A2V2B 3/3

Model <Unit> 4E3 Unit Ver4.5
 Applications Audio Cable for Microphone, Line



Physical Characteristics	Unit	Standard Unit	Note
No. of Cond.		4	Quad
Conductor	Construction	7/A0.12 (/4.72)	Annealed Copper
	Nom. Cross Section Area	0.08 (124.0)	28AWG
	Outer Diameter	0.36 (14.17)	
Insulation	Type	XLPE	Crosslinked Polyethylene
	Thickness	0.27 (10.63)	Color:Blu & Wht
	Outer Diameter	0.90 (0.035)	
Pair/Quad Strand Shield	Pitch	<= 16.0 (<=0.63)	Filler Materials : Cotton/KEVLAR
	Type	16/ 6/A0.10 (/3.94)	Annealed Copper
	Thickness	-	
Inner Sheath	Coverage	>= 93	
	Type	PVC	Color:Blk, Gry
	Thickness	0.3 (11.81)	
	Overall Diameter	3.4 (0.13)	

Cable Cross Section



Mechanical Characteristics (Nominal)	Unit	Standard Value	Note
Tensile Strength	Sheath	MPa	—
		%	—

Environment Characteristics	Specifications	Remarks
Flame Retardance	Flame must extinguish naturally within 60 seconds.	Perform inclination test according to JIS C 3005.

CABLE SPECIFICATION

A3V2-FB 1/3



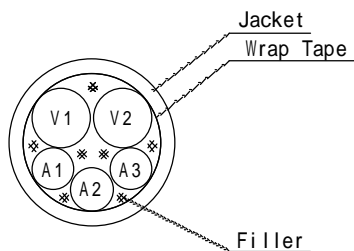
Model A 3 V 2 - F B Ver1.4

Applications Composite Cable ; Video + Audio

Description Coaxial(Video)_2, Shielded-Pair(Audio)_3

UNIT-Type			Diameter mm (mil)	Remarks
Coaxial Unit	3CFB Unit	V1,V2	4.4 (0.17)	Color:Yel,Wht
Audio Unit	L-2B2AT Unit	A1,A2,A3	3.2 (0.13)	Color:Gry/Red,Gry/Blu,Gry/Yel
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/)	-	Color:Black
	Gage		-	
Jacket	Type		PVC	Brittle Temp. -20° C (- 4° F)
	Thickness	mm (mil)	1.1 (43.31)	
	Overall Diameter	mm (Inch)	12.4 (0.49)	
	Marking		A3V2-FB CANARE <Year code> MADE IN JAPAN	
Weight		kg/100m(lbs/1000ft)	17.0 (114.2)	

Cable Cross Section



Electrical Characteristics (Nominal)	Dimensions	Specifications	Remarks		
Coaxial-Unit Section					
D.C.Resistance	Inner Conductor	/100m (/1000ft)	<= 5.6 (<=16.9)	Attenuation dB/100m (/1000ft)	
	Outer Conductor	/100m (/1000ft)	<= 1.6 (<=4.8)		10MHz 3.7 (11.3)
Voltage Withstanding	Min.Breakdown Voltage.	VAC:1min	1000 (1000)		750MHz 29.1 (88.7)
Insulation Resistance	Between Conductors	M · km (· 3000ft)	>= 1000 (>=1000)		
Char.Impedance		at 10MHz	75 ± 3		
Capacitance	Between Conductors	pF/m (pF/ft)	55 (16.8)		
Audio-Unit Section					
Rated Voltage		V	AC 60		
Rated Current			-		
D.C.Resistance	Conductor	/100m (/1000ft)	<= 10.6 (<=32.2)		
	Shield Conductor	/100m (/1000ft)	-		
Voltage Withstanding	Min.Breakdown Voltage.	VAC:1min	500 (500)		
Insulation Resistance	Between Conductors	M · km (· 3000ft)	>= 1000 (>=1000)		

Mechanical Characteristics	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.

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 , a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.

CABLE SPECIFICATION

3CFB-Unit 2/3

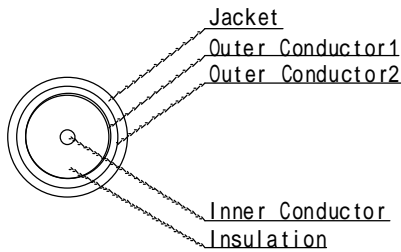


Canare Electric Co.,Ltd.

Model <Unit> 3 C F B Unit Ver2.1
 Applications 75 Coaxial Video Cable.

Physical Characteristics		Dimensions	Specifications	Remarks
Inner Conductor	Structure	mm/qty (mil/)	A0.65/ 1 (25.59/)	Annealed Copper
	Nom.Cross Section Area	mm ² (mil)	0.33 (511.5)	22AWG
	Outer Diameter	mm (mil)	0.65 (25.59)	
Insulation	Type		FPE	Foam Polyethylene
	Thickness	mm (mil)	1.23 (48.43)	
	Outer Diameter	mm (Inch)	3.10 (0.122)	
	Type	mm/piece/carr(mil/)	Aluminum foil	
	Thickness	mm (mil)	0.05 (1.97)	
Outer Conductor	Coverage	%	100	
	Type	mm/piece/carr(mil/)	TA0.14/ 6/16 (5.51/)	Tinned Annealed Copper
	Thickness	mm (mil)	-	
Inner Jacket	Coverage	%	>91	
	Type		PVC	Color:Yel,Wht
	Thickness	mm (mil)	0.3 (11.81)	
	Overall Diameter	mm (Inch)	4.4 (0.17)	Brittle Temp. -20° C (-4° 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 3/3

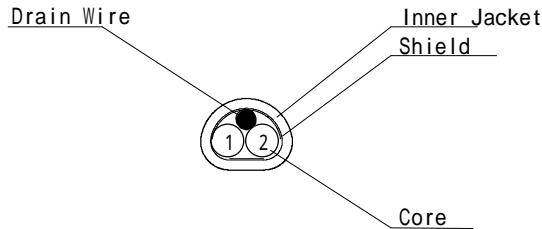


Canare Electric Co.,Ltd.

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	Pair
	Nom. Cross Section Area	mm ² (mil)	A0.12/16 (4.72/)	Annealed Copper
	Outer Diameter	mm (mil)	0.18 (279.0)	25AWG
Insulation	Type		0.56 (22.05)	
	Thickness	mm (mil)	XLPE	Crosslinked Polyethylene
	Outer Diameter	mm (Inch)	0.32 (12.60)	Color:Org & Wht
Pair/Quad Strand Shield	Pitch	mm (Inch)	1.20 (0.047)	
	Type	mm/piece/carr(mil/)	<= 25.0 (<=0.98)	
	Thickness	mm (mil)	Aluminum foil	Drain Wire : 0.12mm/25(4.72mil/)
Inner Jacket	Coverage	%	0.03 (1.18)	23AWG/ Tinned Annealed Copper
	Type		100	
	Thickness	mm (mil)	PVC	Color:Gry
	Overall Diameter	mm (Inch)	0.3 (11.81)	
			3.2 (0.13)	
				Brittle Temp. -20° C (-4° F)

Cable Cross Section



Mechanical Characteristics (Nominal)		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	>= 19.0	
		%	>= 220	
Environment Characteristics		Specifications	Remarks	
Flame Retardance	Flame must extinguish naturally within 60 seconds.		Perform inclination test according to JIS C3005.	