

CABLE SPECIFICATION

A2V1 1/3



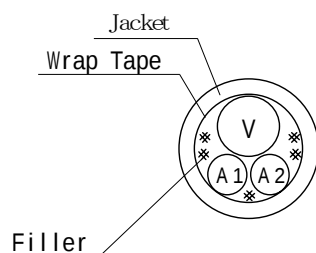
Model A 2 V 1 Ver2.8

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
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)	9.7	(0.38)	Brittle Temp. -20°C(- 4°F)
	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	$\Omega/100m$ (/1000ft)	≤ 9.3 (≤ 28.3)	Attenuation dB/100m (/1000ft) 10MHz 4.2 (12.8)
	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)	≤ 1.1 (≤ 3.2)	
	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)	-	

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 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.

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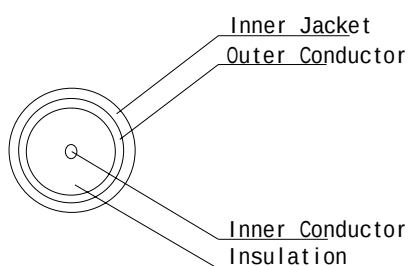
3C2V-Unit 2/3

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□)	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	

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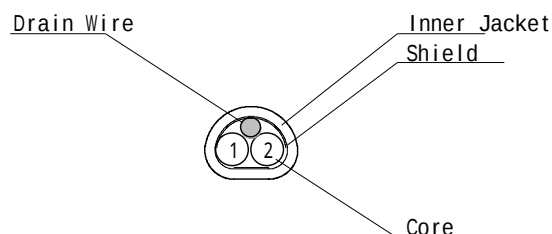
L-2B2AT-Unit 3/3

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	-	
		%	-	

Environment Characteristics	Specifications	Remarks
Flame Retardance	Flame must extinguish naturally within 60 seconds.	Perform inclination test according to JIS-C3005.