

CABLE SPECIFICATION

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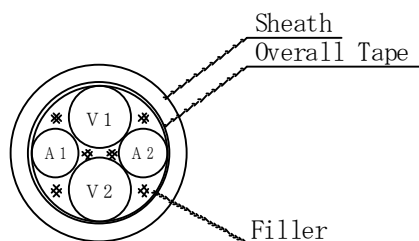
Model A 2 V 2 B SAA167E Ver1.7

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		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)		10MHz	4. 5 (13. 7)
Voltage Proof	Min. Breakdown Voltage.	VAC·1min	1000 (1000)		30MHz	7. 9 (24. 1)
Insulation Resistance	Between Conductors	M Ω ·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 Ω ·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.

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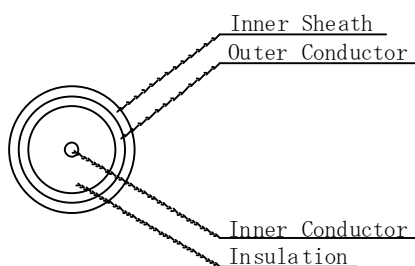
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Model <Unit> 3 C Unit Ver4.0
Applications 75Ω Coaxial Video Cable.



Physical Characteristics		Unit	Standard Value		Remarks
Inner Conductor	Construction	qty/mm (/mil)	7/ A0.18	(/7.09)	Annealed Copper
	Nom. Cross Section Area	mm ² (mil□)	0.18	(279.0)	25AWG
	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)	—		
Outer Conductor	Coverage	%	—		
	Type	carr/end/mm (/mil)	24/ 5/A0.14	(/5.51)	Annealed Copper
	Thickness	mm (mil)	—		
Inner Sheath	Coverage	%	>= 97		
	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	

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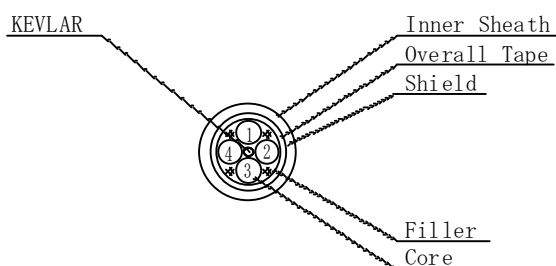
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Model <Unit> 4E3 Unit Ver4.5
Applications Audio Cable for Microphone, Line

Physical Characteristics		Unit	Standard Unit		Note
No. of Cond. Conductor	Construction	qty/mm (mil/)	4		Quad
	Nom. Cross Section Area	mm ² (mil□)	7/A0.12 (/4.72)		Annealed Copper
	Outer Diameter	mm (mil)	0.08 (124.0)		28AWG
Insulation	Type		0.36 (14.17)		
	Thickness	mm (mil)	XLPE		Crosslinked Polyethylene
	Outer Diameter	mm (Inch)	0.27 (10.63)		Color:Blu & Wht
Pair/Quad Strand Shield	Pitch	mm (Inch)	0.90 (0.035)		
	Type	carr/end/mm (/mil)	<= 16.0 (<=0.63)		Filler Materials : Cotton/KEVLAR
	Thickness	mm (mil)	16/ 6/A0.10 (/3.94)		Annealed Copper
Inner Sheath	Coverage	%	-		
	Type		>= 93		
	Thickness	mm (mil)	PVC		Color:Blk, Gry
	Overall Diameter	mm (Inch)	0.3 (11.81)		
			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.	