

CABLE SPECIFICATION

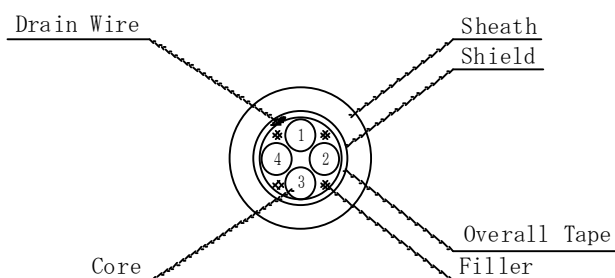
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Model L-4E5 SAA102E Ver2.0
Applications Audio Cable for Microphone, Line



Physical Characteristics		Unit	Standard Value		Note
No. of Cond. Conductor	Construction	qty/mm (/mil)	4		Quad
	Nom. Cross Section Area	mm ² (mil□)	30/A0.08 (/3.15)		Annealed Copper
	Outer Diameter	mm (mil)	0.15 (232.5)		26AWG
Insulation	Type		XLPE		Crosslinked Polyethylene
	Thickness	mm (mil)	0.30 (11.81)		Color:Blu & Wht/Blu & Wht
	Outer Diameter	mm (Inch)	1.11 (0.044)		
Pair/Quad Strand	Pitch	mm (Inch)	<= 18.0 (<=0.71)		Filler Materials : Cotton
Overall Tape	Thickness	mm (mil)	0.03 (1.18)		Paper Tape
Shield	Type	carr/end/mm (/mil)	16/ 8/TA0.10 (/3.94)		Tinned Annealed Copper
	Thickness	mm (mil)	—		Drain Wire:20/TA0.12mm (/4.72mil)
	Coverage	%	>96		
Sheath	Type		PVC		Color:Blk, Gry.
	Thickness	mm (mil)	0.8 (31.50)		Custom colors available.
	Overall Diameter	mm (Inch)	4.8 (0.19)		Brittle Temp. -50°C (-58°F)
Marking			L-4E5 CANARE CABLE <Year code> MADE IN JAPAN		
Weight		kg/100m (lbs/1000ft)	3.5 (23.5)		

Cable Cross Section



Electrical Characteristics (Nominal)		Unit	Standard Value	Note
Rated Voltage		V	AC 60	
Rated Current			—	
D. C. Resistance	Conductor	$\Omega/100m$ (/1000ft)	≤ 13.0 (≤ 39.5)	
	Shield Conductor	$\Omega/100m$ (/1000ft)	≤ 1.9 (≤ 5.9)	
Voltage proof	Min. Breakdown Voltage.	VAC·1min	500 (500)	
Insulation Resistance	Between Conductors	M Ω ·km (·3000ft)	≥ 1000 (≥ 1000)	
Mechanical Characteristics (Nominal)		Unit	Standard Value	Note
Tensile Strength	Sheath	MPa	≥ 11.0	
		%	≥ 260	
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.