

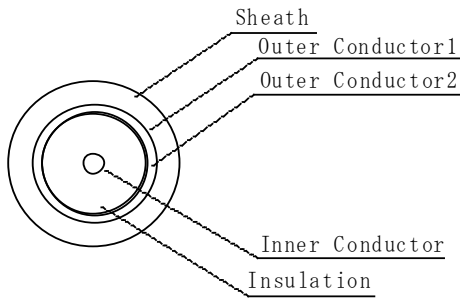
CABLE SPECIFICATIONS

Model L-4CHD SAA288E Ver1.1
 Applications 75Ω Coaxial Video Cable
 *Serial Digital Video <SDTV-SDI, HDTV-SDI>



Physical Characteristics	Unit	Standard Value	Note
Inner Conductor	Construction	qty/mm (/mil)	1/A0. 82 (32. 28/)
	Nom. Gross Section Area	mm ² (mil ²)	0. 53 (821. 5)
	Outer Diameter	mm (mil)	0. 82 (32. 28)
Insulation	Type		FPE
	Thickness	mm (mil)	1. 43 (56. 30)
	Outer Diameter	mm (Inch)	3. 68 (0. 145)
Outer Conductor1	Type		Aluminum tape
	Thickness	mm (mil)	0. 06 (2. 36)
	Coverage	%	100
Outer Conductor2	Construction	mm/end/carr (mil/)	TA0. 14/ 8/16 (5. 51/)
	Thickness	mm (mil)	—
	Coverage	%	>95
Sheath	Type		PVC
	Thickness	mm (mil)	0. 9 (33. 46)
	Overall Diameter	mm (Inch)	6. 1 (0. 24)
	Marking		75Ω Coaxial Cable L-4CHD CANARE <Year code> MADE IN JAPAN E316792 (UL) CMR 75°C 20AWG OR C(UL) CMR 75°C 20AWG
Weight	kg/100m (lbs/1000ft)	5. 2 (34. 9)	

Cable Cross Section



Electrical Characteristics (Nominal)	Unit	Standard Value	Note	
D. C. Resistance	Inner Conductor	Ω/100m (/1000ft)	<= 3. 6 (<=11. 1)	
	Outer Conductor	Ω/100m (/1000ft)	<= 1. 1 (<=3. 5)	
Voltage Proof	Min. Breakdown Voltage.	VAC·1min	1000 (1000)	
Insulation Resistance	Between Conductors	MΩ·km (·3000ft)	>= 1000 (>=1000)	
Char. Impedance		Ω at 10MHz	75±3	
Capacitance	Between Conductors	pF/m (pF/ft)	53 (16. 2)	
		Attenuation	dB/100m (/1000ft)	→
			10MHz	2. 9 (8. 8)
			30MHz	4. 6 (14. 0)
			72MHz	6. 7 (20. 4)
			88MHz	7. 3 (22. 3)
135MHz	8. 9 (27. 1)			
180MHz	10. 2 (31. 1)			
270MHz	12. 6 (38. 4)			
750MHz	21. 3 (64. 9)			
1. 5GHz	30. 6 (93. 3)			
2. 4GHz	39. 3 (119. 8)			
3. 0GHz	44. 3 (135. 0)			

Mechanical Characteristics	Unit	Standard Value	Note
Tensile Strength	Sheath	MPa	>= 11. 0
		%	>= 220
Tension tolerance		N	<= 36. 0
Bending radius	Fixed		>= 6x Cable OD
	Installation		>= 15x Cable OD

Environment Characteristics	Specifications	Note
Flame Retardance	The temperature of thermocouple is recorded every 10s at 12ft(3. 66m), and must not exceed 454. 4°C. The flame spread must not exceed 12ft(3. 66m).	The flame test specified in UL1666.
	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.