

CABLE SPECIFICATION

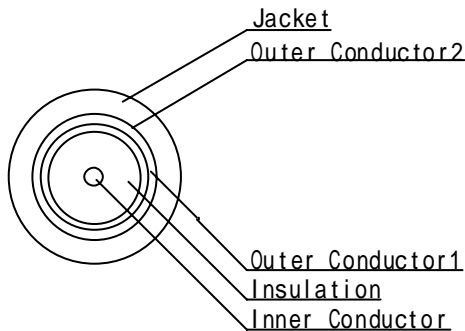


Model L - 3 C F W Ver1.3
 Applications HDTV-SDI Coaxial Cable for mobile use
 *Analog Video
 *Serial Digital Video <SDTV-SDI, HDTV-SDI>

Canare Electric Co.,Ltd.

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)	
Outer Conductor1	Type	mm/piece/carr(mil/)	A0.12/ 5/24 (4.72/)	Annealed Copper
	Thickness	mm (mil)	-	
	Coverage	%	>94	
Outer Conductor2	Type	mm/piece/carr(mil/)	A0.12/ 6/24 (4.72/)	Annealed Copper
	Thickness	mm (mil)	-	
	Coverage	%	>94	
Jacket	Type		PVC	Color:Blk,Red,Grn Custom colors available.
	Thickness	mm (mil)	0.8 (31.50)	
	Overall Diameter	mm (Inch)	5.8 (0.23)	
	Marking		HDTV-SDI 75 Coaxial Cable L-3CFW CANARE <Year code> MADE IN JAPAN	Brittle Temp. -30°C(-22°F)
Weight	kg/100m(lbs/1000ft)		5.1 (34.3)	

Cable Cross Section



Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
D.C.Resistance	Inner Conductor	/100m (/1000ft)	<= 5.5 (<=16.8)	Attenuation dB/100m (/1000ft)
	Outer Conductor	/100m (/1000ft)	<= 0.7 (<=2.1)	
Voltage Withstanding	Min.Breakdown Voltage.	VAC·1min	1000 (1000)	10MHz 3.4 (10.4)
Insulation Resistance	Between Conductors	M ·km (·3000ft)	>= 1000 (>=1000)	30MHz 5.9 (18.0)
Char. Impedance		at 10MHz	75 ± 3	72MHz 9.4 (28.7)
Capacitance Attenuation	Between Conductors	pF/m (pF/ft)	55 (16.8)	88MHZ 10.4 (31.7)
				135MHZ 13.0 (39.6)
				180MHZ 15.2 (46.3)
				270MHZ 18.9 (57.6)
				750MHZ 33.1 (100.9)

Mechanical Characteristics		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	>= 14.0	
		%	>= 230	

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