

CABLE SPECIFICATION

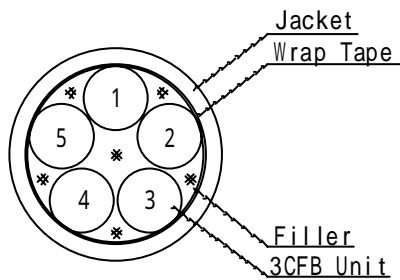
Model V 5 - 3 C F B Ver1.9
 Applications Multi-Channel 75 Coaxial Video Cable



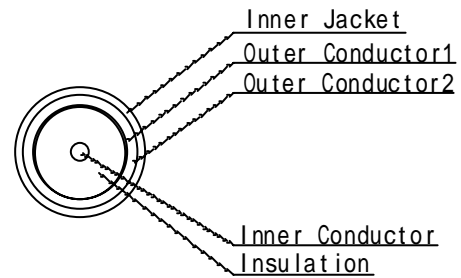
Canare Electric Co.,Ltd.

Physical Characteristics		Dimensions	Specifications	Remarks
No. of Unit			5	
Inner Conductor	Structure	mm/qty (mil/)	A0.65/ 1 (25.59/)	Annealed Copper 22AWG
	Nom. Cross Section Area	mm ² (mil)	0.33 (511.5)	
	Outer Diameter	mm (mil)	0.65 (25.59)	
Insulation	Type		Foam PE	
	Thickness	mm (mil)	1.23 (48.43)	
	Outer Diameter	mm (Inch)	3.10 (0.122)	
Outer Conductor1	Type	mm/piece/carr(mil/)	Aluminum foil	
	Thickness	mm (mil)	0.05 (1.97/)	
	Coverage	%	100	
Outer Conductor2	Type	mm/piece/carr(mil/)	TA0.14/ 6/16 (5.51/)	Tinned Annealed Copper
	Thickness	mm (mil)	-	
	Coverage	%	>91	
Inner Jacket	Type		PVC	Color:Red/Grn/Blu/Wht/Yel
	Thickness	mm (mil)	0.3 (11.81)	
	Overall Diameter	mm (Inch)	4.4 (0.17)	
Wrap Tape	Thickness	mm (mil)	0.05 (1.97)	Paper Tape
	Type		PVC	
Jacket	Thickness	mm (mil)	1.1 (43.31)	Filler Materials : Jute Color:Black Brittle Temp. -20° C (-4° F)
	Thickness	mm (mil)	1.1 (43.31)	
	Overall Diameter	mm (Inch)	14.2 (0.56)	
	Marking		75 Coaxial Cable V5-3CFB CANARE <Year code> MADE IN JAPAN	
Weight		kg/100m(lbs/1000ft)	23 (154.6)	

Cable Cross Section



Unit



Channel Color Code				
1	2	3	4	5
RED	GRN	BLU	WHT	YEL

Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
D.C. Resistance	Inner Conductor	/100m (/1000ft)	<= 5.6 (<=17.0)	Attenuation dB/100m (/1000ft)
	Outer Conductor	/100m (/1000ft)	<= 1.6 (<=4.9)	
Voltage Withstanding	Min. Breakdown Voltage.	VAC: 1min	1000 (1000)	10MHz 3.7 (11.3)
Insulation Resistance	Between Conductors	M · km (· 3000ft) at 10MHz	>= 1000 (>=1000)	30MHz 5.9 (18.0)
			75 ± 3	72MHz 8.7 (26.5)
Char. Impedance			55 (16.8)	88MHz 9.5 (29.0)
Capacitance	Between Conductors	pF/m (pF/ft)		135MHz 11.7 (35.7)
Attenuation		dB/100m (/1000ft)		180MHz 13.5 (41.1)
				270MHz 16.7 (50.9)
				750MHz 29.1 (88.7)
				1.5GHz 43.0 (131.1)

Mechanical Characteristics (Nominal)		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	>= 10.0	
		%	>= 190	

<i>Environment Characteristics</i>	<i>Specifications</i>	<i>Remarks</i>
<i>Flame Retardance</i>	Flame must extinguish naturally within 60 seconds.	Perform inclination test according to JIS C 3005.
	A vertical specimen of an insulated conductor shall not flame longer than 60s following five 15s applications of flame.	The VW-1 flame test specified in UL1581.

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.