

CABLE SPECIFICATION

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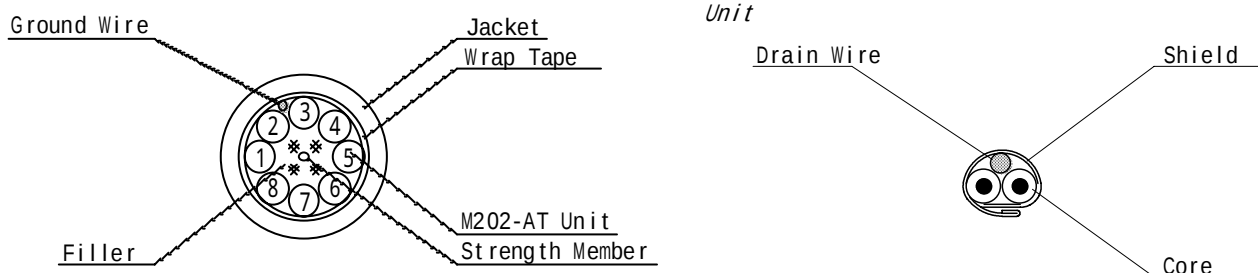
Model	M 2 0 2 - 8 A T	Ver2.7
Applications	Multi-Channel Twisted-Pairs Microphne Cable. Each channel is isolated using insulated<PET>aluminum foil shield	



Canare Electric Co.,Ltd.

Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	qty/mm (/mil)	16	8 Pairs
	Nom.Cross Section Area	mm ² (mil ²)	16/A0.12 (/4.72)	Annealed Copper
	Outer Diameter	mm (mil)	0.18 (279.0)	25AWG
Insulation	Type		XLPE	XLPE:Crosslinked Polyethylene
	Thickness	mm (mil)	0.32 (12.60)	Color: See Channel Color Code
	Outer Diameter	mm (Inch)	1.20 (0.047)	
Pair/Quad Strand Shield	Pitch	mm (Inch)	<= 30.0 (<=1.18)	
	Type	carr/piece/mm(/mil)	Aluminum foil	Drain Wire : 25/0.12mm(/4.72mil)
	Thickness	mm (mil)	0.04 (1.57)	23AWG/ Tinned Annealed Copper
Inner Jacket	Coverage	%	100	
	Type		-	Color:Sepia Each channel is isolated using insulated<PET>aluminum foil shield
	Thickness	mm (mil)	-	
Wrap Tape Jacket	Overall Diameter	mm (Inch)	2.5 (0.10)	
	Thickness	mm (mil)	0.16 (6.30)	Non Woven Fabric Tape
	Type		PVC	Strength Member : KEVLAR
	Thickness	mm (mil)	1.3 (51.18)	Color:Black
	Overall Diameter	mm (Inch)	11.1 (0.44)	Brittle Temp. -30°C (-22°F)
	Marking		M202-8AT CANARE CABLE <Year code> MADE IN JAPAN	
Weight		kg/100m(lbs/1000ft)	16 (107.5)	

Cable Cross Section



Channel Color Code		; Insulator<ex. RED•WHT>							
1	2	3	4	5	6	7	8	9	10
RED•WHT	BLU•WHT	YEL•WHT	GRN•WHT	BRN•WHT	GRY•WHT	BLU•BLK	YEL•BLK		
1 1	1 2	1 3	1 4	1 5	1 6	1 7	1 8	1 9	2 0
2 1	2 2	2 3	2 4	2 5	2 6	2 7	2 8	2 9	3 0
3 1	3 2	3 3	3 4	3 5	3 6	3 7	3 8	3 9	4 0

Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
Rated Voltage		V	AC 60	
Rated Current			-	
D.C.Resistance	Conductor	Ω/100m (/1000ft)	<= 10.5 (<=32.0)	
	Shield	Ω/100m (/1000ft)	-	
Voltage Withstanding	Min.Breakdown Voltage.	VAC•1min	500 (500)	
Insulation Resistance	Between Conductors	MΩ•km (•3000ft)	>= 1000 (>=1000)	
Char. Impedance		Ω at 6MHz	-	
Capacitance	Between Conductors	pF/m (pF/ft)	-	
	Conductors to Shield	pF/m (pF/ft)	-	
Attenuation		dB/100m (/1000ft)	-	
Mechanical Characteristics (Nominal)		Dimensions	Specifications	Remarks
Tensile Strength	Jacket	MPa	>= 16.0	
		%	>= 250	
Environment Characteristics		Specifications		Remarks
Flame Retardance		Flame must extinguish naturally within 60 seconds.		Perform inclination test according to JIS-C3005.

Note:Testing must be performed under standard conditions set down in "JIS-C0010 General Environmental Tesing 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.