

# CABLE SPECIFICATION

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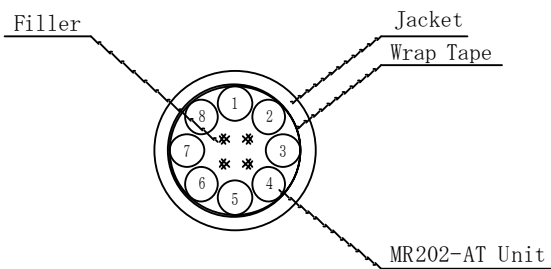
Model MR202-8AT Ver3.9  
 Applications \_\_\_\_\_



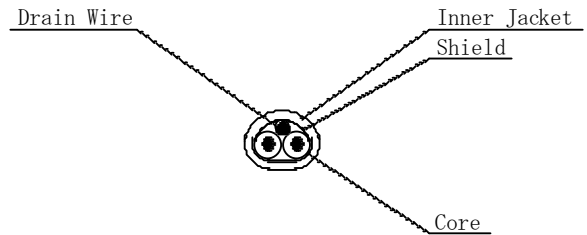
Canare Electric Co., Ltd.

Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	16 A0.18/ 7 (7.09/)	8 Pairs Annealed Copper
	Nom. Cross Section Area	mm <sup>2</sup> (mil <sup>2</sup> )	0.18 (279.0)	25AWG
Insulation	Outer Diameter	mm (mil)	0.54 (21.26)	
	Type		XLPE	Crosslinked Polyethylene
	Thickness	mm (mil)	0.23 (9.06)	Color: See Channel Color Code
Pair/Quad Strand Shield	Outer Diameter	mm (Inch)	1.00 (0.039)	
	Pitch	mm (Inch)	<= 25.0 (<=0.98)	
	Type	mm/piece/carr (mil/)	Aluminum foil	Drain Wire : 0.18mm/7(7.09mil/) 25AWG/ Tinned Annealed Copper
Inner Jacket	Thickness	mm (mil)	0.03 (1.18)	
	Coverage	%	100	
	Type		PVC	Color:Black
	Overall Diameter	mm (Inch)	2.7 (0.11)	
Wrap Tape Jacket	Thickness	mm (mil)	0.06 (2.36)	Paper Tape
	Type		PVC	Filler Materials : PP
	Thickness	mm (mil)	1.0 (39.37)	Color:Black
	Overall Diameter	mm (Inch)	11.0 (0.43)	Brittle Temp. -20°C(-4°F)
Marking			MR202-8AT CANARE <Year code> MADE IN JAPAN	
Weight		kg/100m (lbs/1000ft)	13.2 (88.7)	

## Cable Cross Section



## Unit



Channel Color Code : Insulator<Color Code-Clear> & Inner Jacket BLK <Spiral Marker>									
1	2	3	4	5	6	7	8	9	10
BRN	RED	ORN	YEL	GRN	BLU	PPL	GRY		
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)	<= 10.7 (<=32.5)	
	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	>= 10.0	
		%	>= 190	

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 C60068-1 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.