

CABLE SPECIFICATION

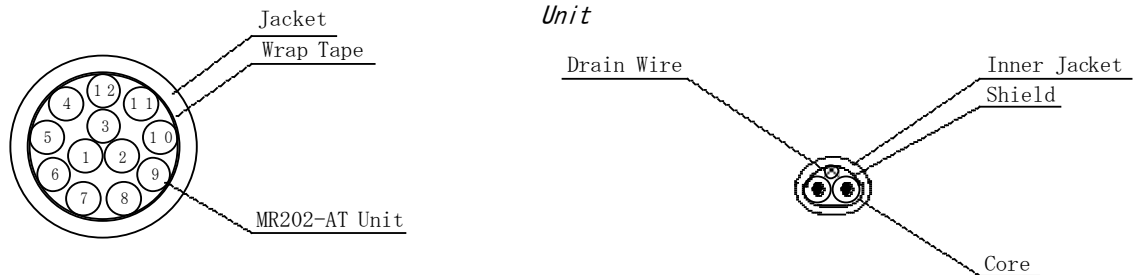
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Model MR202-12AT Ver4.9
Applications Multi-Channel Twisted-Pairs Microphone Cable.



Physical Characteristics		Dimensions	Specifications	Remarks
No. of Cond. Conductor	Structure	mm/qty (mil/)	24 A0.18/ 7 (7.09/)	12 Pairs Annealed Copper
	Nom. Cross Section Area	mm ² (mil ²)	0.18 (279.0)	25AWG
	Outer Diameter	mm (mil)	0.54 (21.26)	
Insulation	Type		XLPE	Crosslinked Polyethylene
	Thickness	mm (mil)	0.23 (9.06)	Color: See Channel Color Code
	Outer Diameter	mm (Inch)	1.00 (0.039)	
Pair/Quad Strand Shield	Pitch	mm (Inch)	<= 25.0 (<=0.98)	
	Type	mm/piece/carr(mil/)	Aluminum foil	Drain Wire : 0.18mm/7(7.09mil/)
	Thickness	mm (mil)	0.03 (1.18)	25AWG/ Tinned Annealed Copper
Inner Jacket	Coverage	%	100	
	Type		PVC	Color:Black・Brown
	Thickness	mm (mil)	0.3 (11.81)	
Wrap Tape Jacket	Overall Diameter	mm (Inch)	2.7 (0.11)	
	Thickness	mm (mil)	0.06 (2.36)	Paper Tape
	Type		PVC	Color:Black
Jacket	Thickness	mm (mil)	1.2 (47.24)	Brittle Temp. -20°C(-4°F)
	Overall Diameter	mm (Inch)	12.7 (0.50)	
	Marking		MR202-12AT CANARE <Year code>	MADE IN JAPAN
Weight		kg/100m(lbs/1000ft)	18.4 (123.6)	

Cable Cross Section



Channel Color Code : Insulator<Color Code・Clear> & Inner Jacket(1~9ch_BLK, 10~12ch_BRN) <Spiral Marker>

1	2	3	4	5	6	7	8	9	10
BRN	RED	ORN	YEL	GRN	BLU	PPL	GRY	WHT	BLK
11	12	13	14	15	16	17	18	19	20
BRN	RED								
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

Electrical Characteristics (Nominal)		Dimensions	Specifications	Remarks
Rated Voltage			✓	AC 60
Rated Current				—
D. C. Resistance	Conductor	$\Omega/100\text{m}$ (/1000ft)	≤ 10.7 (≤ 32.5)	
	Shield	$\Omega/100\text{m}$ (/1000ft)	—	
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	500 (500)	
Insulation Resistance	Between Conductors	M Ω ·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.