

CABLE SPECIFICATION

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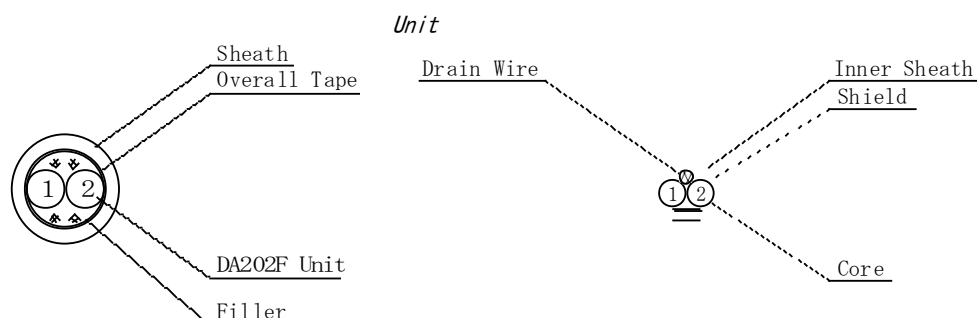
Model DA202F-2P SAA283E Ver1.1
Applications Multi-Channel Twisted-Pairs AES/EBU Digital Cable.



Canare Electric Co., Ltd.

Physical Characteristics	Unit	Standard Value	Note
No. of Cond.		4	2 Pairs
Conductor	Construction	7/ TA0.18 (7.09/)	Tinned Annealed Copper
	Nom. Cross Section Area	0.18 (279.0)	25AWG
	Outer Diameter	0.54 (21.26)	
Insulation	Type	Foamed-XLPE	Foamed Crosslinked polyethylene
	Thickness	0.29 (11.42)	Color: See Channel Color Code
	Outer Diameter	1.12 (0.044)	
Pair/Quad Strand	Pitch	<= 25.0 (<=0.98)	
Overall Tape	Thickness	—	
Shield	Type	65±3/ TA0.10 (/3.94)	Drain Wire : 7/TA0.18mm (/7.09mil)
(Spiral)	Thickness	—	25AWG/ Tinned Annealed Copper
	Coverage	>91	
Inner Sheath	Type	PVC	Color:Blue
	Thickness	0.3 (11.81)	
	Overall Diameter	3.0 (0.12)	
Overall Tape	Thickness	0.05 (1.97)	Paper Tape
Sheath	Type	PVC	Filler Materials : PP
	Thickness	1.0 (39.37)	Color:Blue
	Overall Diameter	7.7 (0.30)	Brittle Temp. -30°C(-22°F)
	Marking	110Ω Digital Audio Cable DA202F-2P CANARE <Year code> MADE IN JAPAN	
Weight	kg/100m(lbs/1000ft)	6.7 (45.0)	

Cable Cross Section



Channel Color Code : Insulator<Color Code-Wht> & Inner Sheath_Blu <Spiral Marker>

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BRN	RED

Electrical Characteristics (Nominal)	Unit	Standard Value	Note
Rated Voltage	V	AC 60	
Operating temperature	°C (°F)	-30~+60 (-22~+140)	
Rated Current		—	
D. C. Resistance	Conductor	Ω/100m (/1000ft)	<= 11.3 (<=34.5)
	Shield	Ω/100m (/1000ft)	<= 3.0 (<=9.1)
Voltage Withstanding	Min. Breakdown Voltage.	VAC·1min	500 (500)
Insulation Resistance	Between Conductors	MΩ·km (·3000ft)	>= 1000 (>=1000)
Char. Impedance		Ω at 6MHz	110±20

Mechanical Characteristics (Nominal)	Unit	Standard Value	Note
Tensile Strength	Sheath	MPa	>= 11.0
		%	>= 220

Environment Characteristics	Specifications	Note
Migration	No deformity, discoloration or other flaws must be found on ABS resin plates during visual inspection.	Test conditions: Temperature: 50°C ±1°C Duration: 24 hours ±1 hour (humidity not designated)
Flame Retardance	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.
	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°C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.