

Product Specification (2S7F)

Canare Electric Co., Ltd

1. **Scope** This product specification covers the performance of the Loud Speaker cable.

2. General Specifications

(1) **Product Name** Speaker Cable

(2) **Model Name** 2S7F

(3) **Construction and Appearance** As shown in Fig.1 and Table 1

Color of the Insulation

1	2
Orange	White

Fig. 1

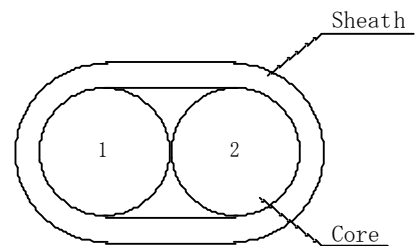


Table 1

Item			Standard Value	Note
No. of Conductor			2	1 Pair
Core	Inner Conductor	Construction (qty/mm)	50/0.18A	Annealed Copper
		Nom. Cross Section Area (mm²)	1.27	16AWG
		Outer Diameter (mm)	1.47	
	Insulation	Thickness (mm)	0.51	Polyethylene
		Outer Diameter (mm)	2.49	
Strand		Pitch (mm)	<= 50	Pair
Sheath		Thickness (mm)	0.9	PVC
		Color	Gray, Black Custom colors available	
		Marking	Speaker Cable 2S7F CANARE <Year Code> MADE IN JAPAN <Length>	
Outer Diameter (mm)			6.8	

(4) **Weight** Approx. 5.2kg / 100m

(5) **Package** 100m, 200m, 400m: Coil + Cardboard box

Over 490m: Wooden reel

2. Rating, Standard

(1) **Rated Voltage** AC 60Vrms

(2) **Temperature Range** -20 to +60°C

3. Electrical Characteristics

Item	Standard Value	Test Method
D.C. Resistance	$\leq 14.9\Omega/\text{km}$ (20°C)	JIS C3005
Insulation Resistance	$\geq 1000\text{M}\Omega\text{-km}$	JIS C3005
Voltage Proof	AC500V 1minute Not Breakdown	JIS C3005

4. Mechanical Characteristics

Item	Standard Value	Test Method
Tensile properties of Sheath	Tensile strength	$\geq 10.0\text{ MPa}$
	Elongation	$\geq 190\%$

5. Environment Characteristics

Item	Standard Value	Test Method
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 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.