

# Product Specification (2S9FG)

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** 2S9FG

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

Fig. 1

Color of the Insulation

1	2
Orange	White

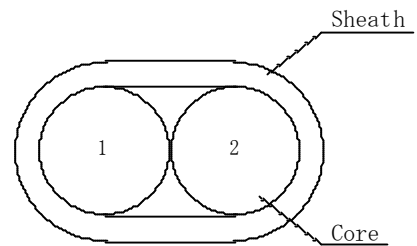


Table 1

Item			Standard Value	Note
No. of Conductor			2	1 Pair
Core	Inner Conductor	Construction (qty/mm)	41/0.26	Oxygen-free Copper
		Nom. Cross Section Area (mm²)	2.18	14AWG
		Outer Diameter (mm)	1.95	
	Insulation	Thickness (mm)	0.71	Polyethylene
		Outer Diameter (mm)	3.37	
Strand		Pitch (mm)	<= 60	Pair
Sheath		Thickness (mm)	1.1	PVC
		Color	Grey, Black Custom colors available	
		Marking	Speaker Cable 2S9FG CANARE <Year code> MADE IN JAPAN	
Outer Diameter (mm)			8.9	

(4) **Weight** Approx. 8.7kg/100m

(5) **Package** 100m, 200m : Coil+Cardboard box  
Over 290m : Wooden reel

## 2. Rating, Standard

(1) **Rated Voltage** AC60Vrms

(2) **Temperature Range** -20~+60℃

## 3. Electrical Characteristics

Item	Standard Value	Test Method
D.C. Resistance	$\leq 8.6 \Omega / \text{km}$ (20℃)	JIS C3005
Insulation Resistance	$\geq 1000 M\Omega \cdot \text{km}$	JIS C3005
Voltage Proof	AC500V 1minute Not Breakdown	JIS C3005

## 4. Mechanical Characteristics

Item		Standard Value	Test Method
Tensile properties of Sheath	Tensile strength	$\geq 10.0 \text{ Mpa}$	JIS C3005
	Elongation	$\geq 190 \%$	JIS C3005

## 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℃, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.