

## Product Specification (2S11F)

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** 2S11F

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

Color of the Insulation

1	2
Orange	White

Fig. 1

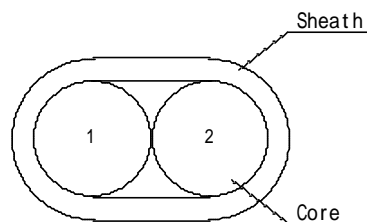


Table 1

Item			Standard Value	Note
No. of Conductor			2	1 Pair
Core	Inner Conductor	Construction (qty/mm)	45/0.32A	Annealed Copper
		Nom. Cross Section Area(mm <sup>2</sup> )	3.62	12AWG
		Outer Diameter (mm)	2.48	
	Insulation	Thickness (mm)	0.93	Polyethylene
		Outer Diameter (mm)	4.34	
Strand		Pitch (mm)	<= 80	Pair
Sheath		Thickness (mm)	1.2	PVC
		Color	Grey , Black Custom colors available	
		Marking	Speaker Cable 2S11F CANARE <Year> MADE IN JAPAN	
Outer Diameter (mm)			11.1	

(4) **Weight** Approx. 14kg / 100m

(5) **Package** 100m, 200m : Coil + Cardboard box  
Over 210m : 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	$\leq 5.2 \text{ } \Omega/\text{km}$ (20 °C)	JIS C3005
Insulation Resistance	$\geq 1000 \text{ M} \cdot \text{km}$	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 °C, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.