

Product Specification (2S14F)

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** 2S14F

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

Fig. 1

Color of the Insulation

1	2
Orange	White

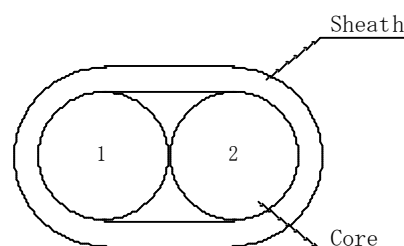


Table 1

Item			Standard Value	Note
No. of Conductor			2	1 Pair
Core	Inner Conductor	Construction (qty/mm)	70/0.32A	Annealed Copper
		Nom. Cross Section Area (mm ²)	5.63	10AWG
		Outer Diameter (mm)	3.09	
	Insulation	Thickness (mm)	1.16	Polyethylene
		Outer Diameter (mm)	5.41	
Strand		Pitch (mm)	<= 90	Pair
Sheath		Thickness (mm)	1.5	PVC
		Color	Grey, Black Custom colors available	
		Marking	Speaker Cable 2S14F CANARE <Year code> MADE IN JAPAN	
Outer Diameter (mm)			13.8	

(4) **Weight** Approx. 21.0kg/100m

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

Over 120m : 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	$\leq 3.4 \Omega / \text{km}$ (20℃)	JIS C3005
Insulation Resistance	$\geq 1000 \text{M}\Omega \cdot \text{km}$	JIS C3005
Voltage Proof	AC500V 1minute Not Breakdown	JIS C3005

4. Mechanical Characteristics

Item	Standard Value	Test Method
Tensile properties of Sheath	Tensile strength	$\geq 10.0 \text{ Mpa}$
	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℃, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.