

## 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

Fig. 1

Color of the Insulation

1	2
Orange	White

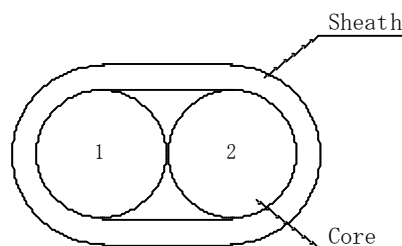


Table 1

Item	Standard Value	Note
No. of Conductor	2	1 Pair
Core	Construction (qty/mm)	50/0.18A
	Nom. Cross Section Area (mm <sup>2</sup> )	1.27
	Outer Diameter (mm)	1.47
	Insulation	Thickness (mm)
Outer Diameter (mm)		2.49
Strand	Pitch (mm)	<= 50
Sheath	Thickness (mm)	0.9
	Color	Grey, Black Custom colors available
	Marking	Speaker Cable 2S7F CANARE <Year code> MADE IN JAPAN
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** AC60Vrms  
(2) **Temperature Range** -20~+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	$\geq 1000 \text{M}\Omega \cdot \text{km}$	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.