

Product Specification (4S11G)

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** 4S11G

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

Color of the Insulation

| | | | |
|-----|-------|--------------------|----------------------|
| 1 | 2 | 3 | 4 |
| Red | White | Translucent Red | Translucent White |

Fig. 1

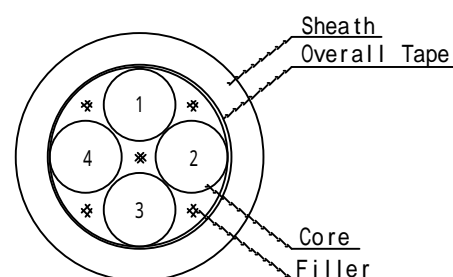


Table 1

| Item | Standard Value | Note |
|------------------|---------------------|---|
| No. of Conductor | 4 | 1 Quad |
| Core | Inner Conductor | Construction (qty/mm) Nom. Cross Section Area(mm ²) Outer Diameter (mm) |
| | Insulation | Thickness (mm) Outer Diameter (mm) |
| | Strand | Pitch (mm) |
| Filler | Material | Cotton |
| Overall Tape | Thickness (mm) | 0.06 |
| | Outer Diameter (mm) | 8.3 |
| Sheath | Thickness (mm) | 1.2 |
| | Color | Grey Custom colors available |
| | Marking | Speaker Cable 4S11G CANARE <Year> MADE IN JAPAN |
| Outer Diameter | 10.7 | |

(4) **Weight** Approx. 16 kg / 100m

(5) **Package** 100m : Spool

Over 160m : Wooden reel

3. Rating, Standard

- (1) **Rated Voltage** AC60Vrms
 (2) **Temperature Range** -50 ~ +60

4. Electrical Characteristics

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

5. Mechanical Characteristics

| Item | Standard Value | Test Method | |
|---------------------------------|------------------|-------------------------|-----------|
| Tensile properties of Sheath | Tensile strength | $\geq 11.0 \text{ Mpa}$ | JIS C3005 |
| | Elongation | $\geq 260 \%$ | JIS C3005 |

6. 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.