

# Product Specification (4S10F)

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** 4S10F

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

Fig. 1

Color of the Insulation

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

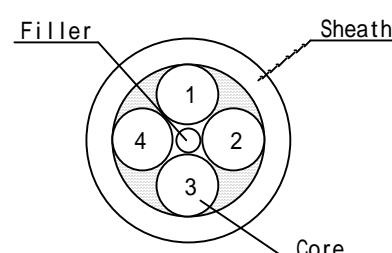


Table 1

| Item             |                 |                              | Standard Value  | Note            |
|------------------|-----------------|------------------------------|---|-----------------|
| No. of Conductor |                 |                              | 4   | 1 Quad          |
| Core             | Inner Conductor | Construction (qty/mm)        | 33/0.26A  | Annealed Copper |
|                  |                 | Nom. Cross Section Area(mm²) | 1.75  | 15AWG           |
|                  |                 | Outer Diameter (mm)          | 1.74  |                 |
|                  | Insulation      | Thickness (mm)               | 0.63  | Polyethylene    |
|                  |                 | Outer Diameter (mm)          | 3.00  |                 |
| Strand           |                 | Pitch (mm)                   | 100   | Quad            |
| Filler           |                 | Material                     | PE  |                 |
| Sheath           |                 | Thickness (mm)               | 1.2   | PVC             |
|                  |                 | Color                        | Grey, Black<br>Custom colors available                |                 |
|                  |                 | Marking                      | Speaker Cable 4S10F<br>CANARE <Year><br>MADE IN JAPAN |                 |
| Outer Diameter   |                 |                              | 9.6   |                 |

(4) **Weight** Approx. 15 kg / 100m

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

200m : Wooden spool

Over 300m : Wooden reel

**3. Rating, Standard****(1) Rated Voltage** AC60Vrms**(2) Temperature Range** -20 ~ +60**4. Electrical Characteristics**

| Item                  | Standard Value                                | Test Method |
|-----------------------|---|-------------|
| D.C. Resistance       | $\leq 10.8 \text{ } \Omega/\text{km}$ (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 | $\geq 10.0 \text{ Mpa}$ | JIS C3005   |
|                              | Elongation       | $\geq 190 \%$           | 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.