

Product Specification (2S2.5FG-CCA)

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** 2S2.5FG-CCA

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

Color of the Insulation

1	2
Red	White

Fig. 1

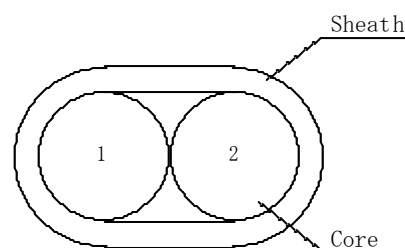


Table 1

Item	Standard Value	Note
No. of Conductor	2	1 Pair
Core	Construction (qty/mm)	50/0.25A
	Inner Conductor Nom. Cross Section Area (mm ²)	2.45
	Outer Diameter (mm)	2.1
	Insulation Thickness (mm)	0.7
	Outer Diameter (mm)	3.5
Strand	Pitch (mm)	<= 55
Sheath	Thickness (mm)	1.05
	Color	Black
	Marking	CANARE OFC Speaker Cable 2S2.5FG-CCA <Year Cord> CPR Euroclass Cca s1a,d1,a1 MADE IN ITALY < length mark (4-digit)>
	Outer Diameter (mm)	9.1

(4) **Weight** Approx. 11.5kg/100m

(5) **Package** 100m, 200m : Coil + Cardboard box
Over 210m : Wooden reel

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

Item	Standard Value	Test Method
D.C. Resistance	$\leq 9.0\Omega/\text{km}$ (20°C)	JIS C3005
Insulation Resistance	$\geq 2000\text{M}\Omega\text{-km}$	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	$\geq 120\%$	JIS C3005

5. Environmental Characteristics

Item	Standard Value	Test Method
Fire Performance (CPR)	CPR Euroclass Cca-s1a, d1, a1	Tested according to EN 50399, EN 61034-2, EN 60754-2.

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.