

## Product Specification (4S2.5FG-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** 4S2.5FG-CCA
- (3) **Construction and Appearance** As shown in Fig.1 and Table 1

Fig. 1

Color of the Insulation

1	2	3	4
Red	White	Blue	Black

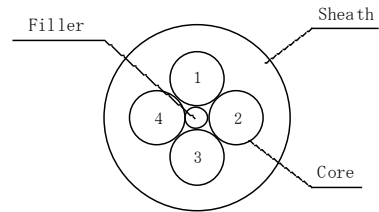


Table 1

Item		Standard Value	Note	
No. of Conductor		4	1 Quad	
Core	Inner Conductor	Construction (qty/mm)	50/0.25A	
		Nom. Cross Section Area (mm <sup>2</sup> )	2.45	
		Outer Diameter (mm)	2.1	
	Insulation	Thickness (mm)	0.7	
		Outer Diameter (mm)	3.5	
Strand	Pitch (mm)	<= 80	Quad	
Filler	Outer Diameter (mm)	1.5	LSZH	
Sheath	Thickness (mm)	1.2	LSZH	
	Color	Black		
	Marking	CANARE OFC Speaker Cable 4S2.5FG-CCA <Year Cord> CPR Euroclass Cca s1a,d1,a1 MADE IN ITALY < length mark (4-digit) >		
Outer Diameter		10.9		

(4) **Weight** Approx. 21.1 kg / 100m

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

Over 120m : Wooden reel

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

Item	Standard Value	Test Method
D.C. Resistance	$\leq 7.6\Omega/\text{km}$ (20°C)	JIS C3005
Insulation Resistance	$\geq 2000\text{M}\Omega\text{-km}$	JIS C3005
Voltage Proof	AC500V 1minute Not Breakdown	JIS C3005

**5. Mechanical Characteristics**

Item	Standard Value	Test Method	
Tensile properties of Sheath	Tensile strength	$\geq 10.0$ MPa	JIS C3005
	Elongation	$\geq 120$ %	JIS C3005

**6. 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.