

Product Specification (4S8)

Canare Electric Co., Ltd

1. **Scope** This product specification covers the performance of the Loud Speaker cable.

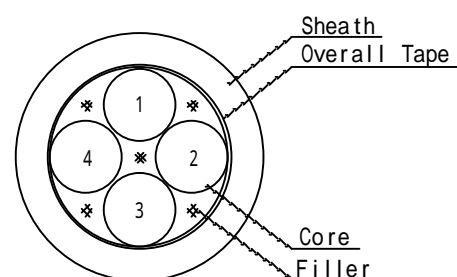
2. General Specifications

(1) **Product Name** Speaker Cable

(2) **Model Name** 4S8

(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)	50/0.18A	Annealed Copper
		Nom. Cross Section Area(mm²)	1.27	16AWG
		Outer Diameter (mm)	1.47	
	Insulation	Thickness (mm)	0.51	Polyethylene
		Outer Diameter (mm)	2.49	
Strand		Pitch (mm)	70	Quad
Filler		Material	Cotton	
Overall Tape		Thickness (mm)	0.05	Paper Tape
		Outer Diameter (mm)	6.2	
Sheath		Thickness (mm)	1.1	PVC
		Color	Grey, Black Custom colors available	
		Marking	Speaker Cable 4S8 CANARE <Year> MADE IN JAPAN	
Outer Diameter			8.3	

(4) **Weight** Approx. 9.5 kg / 100m

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

200m : Wooden spool

Over 270m : 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	$\leq 14.9 \text{ } \Omega/\text{km}$ (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.