Product Specification

(4S12F)

Canare Electric Co., Ltd

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

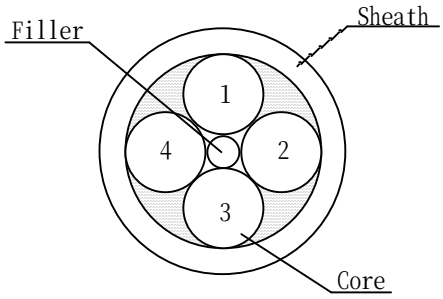
2. General Specifications

(1) Product Name Speaker Cable

(2) Model Name 4S12F

(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)	35/0.32A	Annealed Copper 13AWG
		Nom. Cross Section Area(mm^2)	2.81	
		Outer Diameter (mm)	2.20	
	Insulation	Thickness (mm)	0.80	Polyethylene
		Outer Diameter (mm)	3.80	
Strand		Pitch (mm)	120	Quad
Filler		Material	PE	
Sheath		Thickness (mm)	1.2	PVC
		Color	Grey, Black Custom colors available	
		Marking	Speaker Cable 4S12F CANARE <Year> MADE IN JAPAN	
Outer Diameter			11.6	

(4) Weight Approx. 22 kg／100m

(5) Package 100m：Spool

Over 200m：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	<= 6.6Ω/km (20℃)	JIS C3005
Insulation Resistance	>= 1000MΩ・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	>= 10.0 Mpa	JIS C3005
	Elongation	>= 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℃, a relative humidity of 25-75%, and an atmospheric pressure of 86-106kPa.