

Product Specification
(L-4E6S)

Canare Electric Co., Ltd

1. **Scope** This product specification covers the performance of the Star quad Microphone cable.

2. **General Specifications**

- (1) **Product Name** Star quad microphone Cable
- (2) **Model Name** L-4E6S
- (3) **Construction and Appearance** As shown in Fig.1 and Table 1

Color of the Insulation

1	2	3	4
Blue	White	Blue	White

Fig. 1

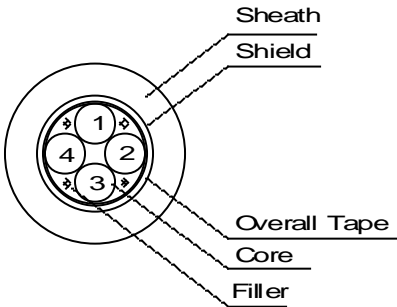


Table 1

Item		Standard Value	Note
No. of Conductor		4	1 Quad
Core	Conductor	Construction (qty/mm)	40 / 0.08A
		Nom. Cross Section Area(mm ²)	0.20
		Outer Diameter (mm)	0.58
	Insulation	Thickness (mm)	0.40
		Outer Diameter (mm)	1.38
Strand	Pitch (mm)	<= 20	Quad
Filler	Materials	Cotton	
Overall Tape	Thickness (mm)	0.03	Paper Tape
	Outer Diameter (mm)	3.5	
Shield	Construction (carr/end/mm)	16 / 8 / 0.10TA	Tinned Annealed Copper Coverage >=94%
	Pitch (mm)	<= 12	
	Outer Diameter (mm)	3.9	
Sheath	Thickness (mm)	1.1	PVC
	Color	Blk,Brn,Red,Orn,Yel, Grn,Blu,Ppl,Gry,Wht Custom colors available	
	Marking	L-4E6S CANARE <Year code> MADE IN JAPAN	
Outer Diameter		6.0	

- (4) **Weight** Approx. 4.8kg / 100m
- (5) **Package** 100m, 153m, 200m, 305m : Spool
400m, 500m : Wooden spool
Over 510m : Wooden reel

3. Rating, Standard

- (1) **Rated Voltage** AC 60 Vrms
- (2) **Temperature Range** -50 ~ +60°C

4. Electrical Characteristics

Item		Standard Value	Test Method
D.C. Resistance	Conductor	$\leq 97.8\Omega / \text{km}$ (20°C)	JIS C3005
	Shield	$\leq 30.5\Omega / \text{km}$ (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.