

Product Specification
(L-4E4-2P)

Canare Electric Co., Ltd

1. **Scope** This product specification covers the performance of the Multi-Channel Microphone Cable.
2. **General Specifications**
- (1) **Product Name** Multi-Channel Microphone Cable
- (2) **Model Name** L-4E4-2P
- (3) **Construction and Appearance** As shown in Fig.1, Fig.2 and Table 1

Fig. 1

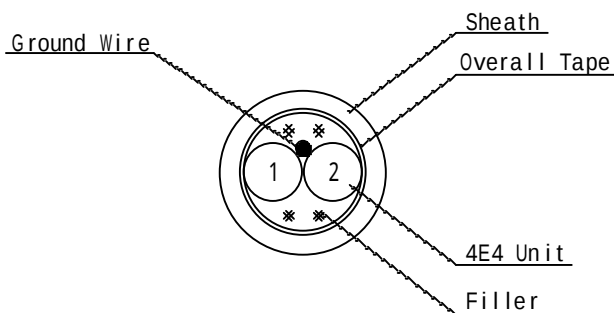
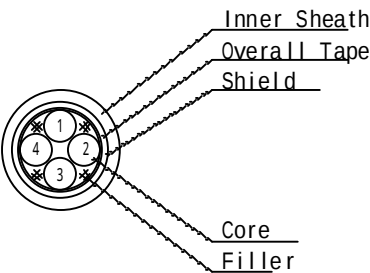


Fig.2



Channel Color Code : Inner Sheath GRY<Spiral Maker>

1	2
RED	BLU

Table 1

Item				Standard Value	Note
No. of Unit				8	2 Quads
Construction of Unit	Core	Conductor	Construction (qty/mm)	30/0.08A	Annealed Copper
			Nom. Cross Section Area(mm²)	0.15	26AWG
			Outer Diameter (mm)	0.51	
		Insulation	Thickness (mm)	0.32	Crosslinked Polyethylene
			Outer Diameter (mm)	1.15	(BLU•WHT•BLU•WHT)
	Filler		Materials	Cotton yarn	-
	Overall Tape		Thickness (mm)	0.03	Paper Tape
	Shield	Construction (carr/end/mm)	16/ 8/0.10A	Annealed Copper	
		Thickness (mm)	0.2	Coverage >=95%	
		Outer Diameter (mm)	3.3		
	Inner Sheath	Thickness (mm)	0.3	Flame Retardant PVC	
		Outer Diameter (mm)	4.0		

Table 1 (continuation)

Item		Standard Value	Note
Filler	Materials	Jute	-
Ground Wire	Construction (carr/end/mm)	16/ 3/0.12A	Braided flat conductor
Overall Tape	Thickness (mm)	0.16	Non Woven Fabric Tape
Sheath	Thickness (mm)	1.3	PVC
	Color	Black	
	Marking	L-4E4-2P CANARE <Year code> MADE IN JAPAN	
Outer Diameter (mm)		11.1	

(4) **Weight** Approx. 13 kg / 100m(5) **Package** 50m,100m,200m: Coil
Over 210m: Wooden reel**3. Rating, Standard**(1) **Rated Voltage** AC 60Vrms(2) **Temperature Range** -20 ~ +60**4. Electrical Characteristics**

Item		Standard Value	Test Method
D.C. Resistance	Inner Conductor	$\leq 131.4 \Omega / \text{km}$ (20)	JIS C3005
	Outer Conductor	$\leq 23.7 \Omega / \text{km}$ (20)	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	$\geq 16.0 \text{ Mpa}$	JIS C3005
	Elongation	$\geq 250 \%$	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.