

Product Specification (L-4E3AT)

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-4E3AT

(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

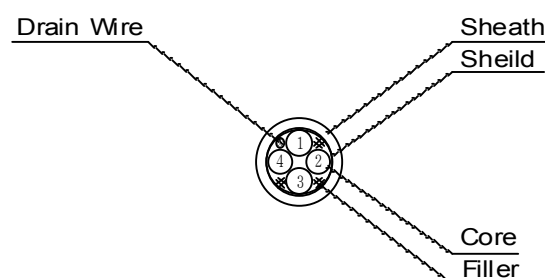


Table 1

| Item | | | Standard Value | Note |
|---------------------|------------|--|--|---------------------------|
| No. of Conductor | | | 4 | 1 Quad |
| Core | Conductor | Construction (qty/mm) | 7/0.12A | Annealed Copper |
| | | Nom. Cross Section Area (mm ²) | 0.08 | 28AWG |
| | | Outer Diameter (mm) | 0.36 | |
| | Insulation | Thickness (mm) | 0.27 | Cross linked Polyethylene |
| | | Outer Diameter (mm) | 0.90 | |
| Strand | | Pitch (mm) | <= 16 | Quad |
| Filler | | Material | Cotton | - |
| Drain Wire | | Construction (qty/mm) | 12/0.12TA | Tinned Annealed Copper |
| Shield | | Thickness (mm) | 0.03 | Aluminum laminated tape |
| | | Outer Diameter (mm) | 2.3 | |
| Sheath | | Thickness (mm) | 0.3 | PVC |
| | | Color | Gray | |
| | | Marking | L-4E3AT CANARE <Year code> MADE IN JAPAN | |
| Outer Diameter (mm) | | | 3.0 | - |

(4) **Weight** Approx. 1.2kg / 100m

(5) **Package** 200m, 500m, 1000m : Spool

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

| Item | Standard Value | Test Method |
|-----------------------|---|-------------|
| Conductor Resistance | $\leq 245.7\Omega/\text{km}$ (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 | $\geq 16.0\text{ Mpa}$ | JIS C3005 |
| | Elongation | $\geq 220\%$ | 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.