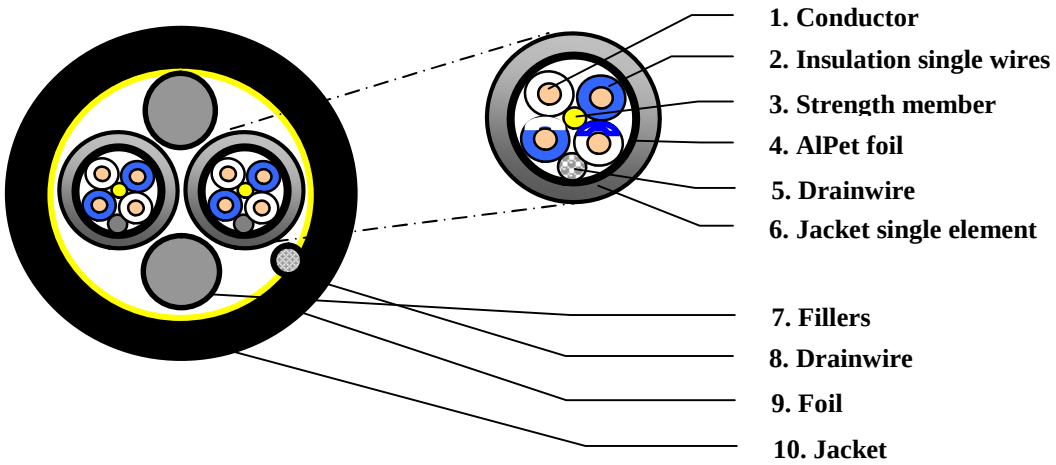
## APPLICATION

2 fold star-quad FRNC microphone cable.

## CONSTRUCTION




| | | |
|---|---|---|
| **1.** | **Conductor** | |
| | Material | stranded bare copper |
| | Dimension | 19 x 0.1 mm (AWG 26) |
| **2.** | **Insulation single wires** | |
| | Material | Polyethylene |
| | Diameter over insulation | 1.15 ± 0.05 mm |
| | Colour of insulation | White ,Blue, White/blue, Blue/white ringmarking |
| **3.** | **Strength member** | Kevlar |
| **4.** | **Shielding foil:** | |
| | Material | Aluminum-polyester |
| | Coverage | 100 % |
| **5.** | **Drainwire:** | |
| | Material | Stranded tinned copper |
| | Dimensions | 7x0.16 mm (AWG26) |
| | Position | Under shielding foil |
| **6.** | **Jacket single element** | |
| | Material | FRNC (Colour:like Grey RAL 7001 ) Elements are numbered 1 -2 for identification. |
| | Nominal diameter | 3.7 mm |
| **7.** | **Fillers** | |
| **8.** | **Drainwire** | |
| | Material | Stranded tinned copper |
| | Dimensions | 26 x 0.254 mm (AWG16) |
| **9.** | **Foil** | |
| | Material | Polyester non-woven |
| **10.** | **Jacket** | |
| | Material | FRNC (Colour Black) |
| | Diameter | 10 ± 0.5 mm |
| | Nominal wall-thickness | 1.3 mm |

## REQUIREMENTS AND TEST METHODS

**Electrical:**

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|---|---|
| Nominal capacitance conductor to conductor @ 1 kHz | 164 pF/m |
| Nominal capacitance conductor to shield @ 1 kHz | 222 pF/m |
| Nominal conductor DC resistance @ 20°C | 110 Ohm/km |

**Mechanical and physical:**

| | |
|---|---|
| Temperature rating | -30 to +70 ˚C |
| Resistance to flame propagation: | IEC 60332-2-24 |
| Minimum bending radius without load | 10 x cable diameter |
| Minimum bending during install with load | 15 x cable diameter |

**Printlegend: (on cable sheath)**

“AUDIO BRILLIANCE® BY BELDEN 70064CH 2 QUAD 26AWG/0.15MM2 FRNC MMYY” + sequential metermarking. (MMYY =month and year of production)


Belden CDT believes this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.