

# NOVACORD

## MICRO 2x0.50 FRNC-C/LSZH



Oxygen Free Copper  
99,9%



Flexible  
construction



Resistance to  
mechanical loads



Double  
screen

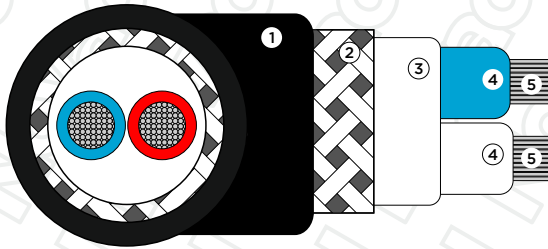


The microphone cable combines excellent signal transmission properties and high mechanical stability. The 0.50 mm<sup>2</sup> conductor cross-section ensures almost complete absence of losses. The additional jacket from extruded PE guarantees stability structures under mechanical loads, maintains the symmetry of the cable and increases the crushing resistance. The tensile strength is enhanced by a braided copper shield, which reliably protects against interference. Cable designed to avoid the release of toxic matter in case of fire because they do not contain any halogens.

**HIGHEST QUALITY - RELIABILITY - INNOVATION**

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# Microphone cable 2x0.50, AWG 20, FRNC/LSZH-C, IEC 60332-3-24



- 1 - Jacket
- 2 - Screen
- 3 - Inner jacket
- 4 - Insulation
- 5 - Conductor

## Structure

### Conductor

|                   |                                 |
|-------------------|---------------------------------|
| Cross Sec. Area   | 0.50 mm <sup>2</sup> , Ø 0.6 mm |
| No. of Cores      | 2 cores                         |
| Material          | Tinned OFC                      |
| Type of conductor | Stranded                        |
| Strands           | 16/0.2±0.008 mm                 |

### Insulation

|          |             |
|----------|-------------|
| Material | PE          |
| Diameter | 2.0 ±0.1 mm |
| Color    | Blue, Red   |

### Inner jacket

Extruded PE

### Screen

|          |            |
|----------|------------|
| Material | Tinned OFC |
| Type     | Braid      |
| Covering | 85%        |

### Jacket

|          |                     |
|----------|---------------------|
| Material | FRNC/LSZH-C         |
| Diameter | 5.7±0.2 mm          |
| Color    | Black matt, RAL9005 |

## Mechanical properties

|                   |           |                               |
|-------------------|-----------|-------------------------------|
| Bending radius    | with load | 55 mm / 10xD (outer diameter) |
| Temperature range |           | -30°C to +70°C                |

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## Electrical properties

at 20 °C

|                       |            |           |
|-----------------------|------------|-----------|
| DC Resistance         |            | ≤ 40 Ω/km |
| Capacitance           | con/con    | 65 pF/m   |
|                       | con/screen | 155 pF/m  |
| Insulation resistance |            | 1 GΩ/km   |
| Test voltage          |            | 1000 V    |

## Standarts

|                  |                |
|------------------|----------------|
| Flame resistance | IEC 60332-3-24 |
| Amt of Halogen   | zero           |

## Technical data

| Article | Delivery length | Drum size   | Weight |
|---------|-----------------|-------------|--------|
| 500DW   | 500 m           | 400/160/200 | 47 kg  |

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