



**Reference:** Etude 133239  
**Country Ref.:** Etude 133239

### CONTACT

Market information  
 industryprojects.business@lynxgroup.com

#### International Designation:

4 Channels 32 AWG coax  
 + 4 x 32 AWG wires  
 + 4 x 28 AWG wires

Medical Video Endoscopy Microcable

### STANDARDS

**Product** Nexans specification

#### 1- CORE (A)

32 AWG stranded silver plated alloy

Fluoropolymer insulation

Diameter : 0.65 +/- 0.02 mm

44 AWG silver plated copper spiral

Shield 91% minimum coverage

Diameter : 0.75 mm nominal

Fluoropolymer jacket

Diameter : 0.91 +/- 0.03 mm

#### 2- CORE (B)

AWG 28 stranded silver plated copper

Fluoropolymer insulation

Diameter : 0.6 +/- 0.03 mm

#### 3- CORE (C)

3 cores (B) twisted

#### 4- CORE (D)

AWG 32 stranded silver plated alloy

Fluoropolymer insulation

Diameter : 0.45 +/- 0.02 mm

#### 5- CORE (E)

2 cores (D) twisted

4 cores (A) + 1 core (C) + 2 cores (E) + 1 core (B) + Optional filler twisted

Diameter : 3.1 mm nominal

Fluoropolymer Tape

Diameter : 3.15 mm nominal

7-40 AWG silver plated copper braid

91% minimum coverage

Diameter : 3.5 mm nominal

Medical PVC

Diameter : 5 +/- 0.1 mm



Cable flexibility  
**Very flexible**



Maximum operating temperature  
**85 °C**



Minimum operating temperature  
**-20 °C**

**CHARACTERISTICS****Construction characteristics**

|                    |                       |
|--------------------|-----------------------|
| Conductor material | Silvered copper       |
| Conductor shape    | Multi stranded        |
| Construction type  | Shielded and sheathed |
| Insulation         | Fluor polymer         |

**Dimensional characteristics**

|                        |        |
|------------------------|--------|
| Wire diameter          | - mm   |
| Outer Diameter         | 5 mm   |
| Maximum outer diameter | 5.1 mm |
| Approximate weight     | - g/m  |

**Electrical characteristics**

|                   |      |
|-------------------|------|
| Operating voltage | 24 V |
|-------------------|------|

**Mechanical characteristics**

|                   |               |
|-------------------|---------------|
| Cable flexibility | Very flexible |
|-------------------|---------------|

**Usage characteristics**

|                               |                            |
|-------------------------------|----------------------------|
| Maximum operating temperature | 85 °C                      |
| Minimum operating temperature | -20 °C                     |
| Mechanical Resistance         | Good mechanical resistance |