



**Reference:** Etude 133515  
**Country Ref.:** Etude 133515

### CONTACT

Market information  
 industryprojects.business@lynx<sup>eo</sup>  
 ogroup.com

**International Designation:**  
 72 wires 34 AWG

**Multi-cores Unshielded and PVC Jacketed cable**

Very flexible cable with an extremely good mechanical behaviour.  
 Withstands miscellaneous sterilisation process.

### STANDARDS

**Product** Nexans specification

#### 1- CORE (A)

AWG 34 Stranded silver plated copper alloy conductor  
 FEP insulation  
 Diameter : 0.29 +/- 0.02 mm

#### ASSEMBLY

Center : 8 cores (A) + 4 cores (A) + 4 cores (A) twisted  
 Around : 7 x 8 cores (A) + Filler  
 Diameter : 3.46 mm

#### 2- PTFE Tape

Diameter : 3.52 mm

#### 3- JACKET

Medical PVC

Diameter : 4.22 mm

#### Mechanical performances

Minimum bending radius : 5 x Overall diameter.



Cable flexibility  
**Very flexible**



Maximum operating temperature  
**85 °C**



Minimum operating temperature  
**-30 °C**

**CHARACTERISTICS****Construction characteristics**

Conductor material	Silvered copper
Conductor shape	Multi stranded
Construction type	Unshielded and sheathed
Insulation	Fluor polymer

**Dimensional characteristics**

Wire diameter	0.29 mm
Outer Diameter	4.22 mm
Maximum outer diameter	4.32 mm
Approximate weight	29 g/m

**Electrical characteristics**

Operating voltage	5 V
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**Mechanical characteristics**

Cable flexibility	Very flexible
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**Usage characteristics**

Maximum operating temperature	85 °C
Minimum operating temperature	-30 °C
Mechanical Resistance	Good mechanical resistance