



Country Ref.: Etude 132857

### CONTACT

Market information  
[industryprojects.business@lynxogroup.com](mailto:industryprojects.business@lynxogroup.com)

#### International Designation:

2 Channels 36 AWG coax  
 + 10 x 34 AWG wires

Medical Video Endoscopy cable

### STANDARDS

Product Nexans specification

#### Characteristics

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

#### CONSTRUCTION

##### 1- CORE (A)

AWG 36 stranded silver plated alloy conductor.  
 PFA insulation.  
 Diameter : 0.44 +/- 0.03 mm.

AWG 44 silver plated copper spiral shield.  
 Nominal diameter : 0.54 mm.

PFA Jacket  
 Diameter : 0.63 +/- 0.03 mm.

##### 2- CORE (B)

AWG 34 stranded silver plated alloy conductor.  
 PFA insulation.  
 Diameter : 0.32 +/- 0.05 mm.

##### 3- CORE (C)

2 Cores (B) twisted.

2 Cores (A) + 5 Cores (C) twisted.  
 Nominal diameter : 1.90 mm.

##### 4- PTFE Tape

Nominal diameter : 2.08 mm.

##### 5- SHIELD

AWG 40 silver plated copper alloy braid.  
 85% coverage.  
 Nominal diameter : 2.40 mm.

##### 6- PTFE Tape

##### 7- JACKET

Medical Polyurethane bright  
 Nom. diameter : 3.95 mm.  
 Max. diameter : 4.10 mm.  
 Internal diameter : 2.60 to 2.80 mm.  
 Min. thickness : 0.55 mm.

#### Main Characteristics

Minimum static bending radius : 5 x Overall diameter.



Flessibilità del cavo  
**Molto Flessibile**



Temperatura operativa massima  
**85 °C**



Temperatura operativa minima  
**-30 °C**

**CHARACTERISTICS****Caratteristiche costruttive**

Materiale del conduttore	Rame argentato
Forma del conduttore	Multi stranded
Costruzione	Shielded and sheathed
Isolamento	PFA

**Caratteristiche dimensionali**

Diametro filo	- mm
Diametro esterno	3,9 mm
Diametro esterno max	4,1 mm
Peso approssimativo	19,12 g/m

**Caratteristiche elettriche**

Tensione operativa	24 V
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**Caratteristiche meccaniche**

Flessibilita' del cavo	Molto Flessibile
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**Caratteristiche d'utilizzo**

Temperatura operativa massima	85 °C
Temperatura operativa minima	-30 °C
Resistenza meccanica	Good mechanical resistance