



Country Ref.: Etude 132857

### CONTACT

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

International Designation:  
 2 Channels 36 AWG coax  
 + 10 x 34 AWG wires

Medical Video Endoscopy cable

## STANDARDS

Product

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.



Cable flexibility  
 Very flexible



85 ° C



Minimum operating temperature  
 - 30 ° C

## CHARACTERISTICS

Conductor shape

PFA

Wire diameter

- mm

3.9 mm

Maximum outer diameter

4.1 mm

Approximate weight

19.12 g/m

Operating voltage

24 V

Cable flexibility

Very flexible

Minimum operating temperature

85 ° C

- 30 ° C

Mechanical Resistance

Good mechanical resistance