



Country Ref.: Etude 132857

CONTACT

Market information
industryprojects.business@lynxeogroup.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.



Cable flexibility
Very flexible



Maximum operating temperature
85 °C



Minimum operating temperature
-30 °C

Main Characteristics

Minimum static bending radius : 5 x Overall diameter.

CHARACTERISTICS**Construction characteristics**

Conductor material	Silvered copper
Conductor shape	Multi stranded
Construction type	Shielded and sheathed
Insulation	PFA

Dimensional characteristics

Wire diameter	- mm
Outer Diameter	3.9 mm
Maximum outer diameter	4.1 mm
Approximate weight	19.12 g/m

Electrical characteristics

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

Mechanical characteristics

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

Usage characteristics

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