



Country Ref.: Etude 132857

CONTACT

Market information
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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