



Reference: Etude 133261
Country Ref.: Etude 133261

CONTACT

Market information
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International Designation:

6 Channels 42 AWG coax
 + 12 x 42 AWG wires

Medical Video Endoscopy cable

STANDARDS

Product Nexans specification

Characteristics

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

1- CORE (A)

AWG 42 stranded silver plated alloy conductor.
 MFA insulation.
 Diameter : 0.21 +/- 0.02 mm.

AWG 48 silver plated copper spiral shield.
 Nominal diameter : 0.27 mm.

MFA Jacket
 Diameter : 0.35 +/- 0.03 mm.

2- CORE (B)

AWG 42 stranded silver plated alloy conductor.
 MFA insulation.
 Diameter : 0.18 +/- 0.02 mm.

3- CORE (C)

2 Cores (B) twisted.

6 Cores (A) + 6 Cores (C) twisted.
 Nominal diameter : 1.49 mm.

4- PTFE Tape

Nominal diameter : 1.55 mm.

5- SHIELD

AWG 44 silver plated copper braid.
 85% coverage.
 Nominal diameter : 1.78 mm.

6- FEP Jacket

Diameter : 2.00 +/- 0.10 mm.

Main Characteristics

Minimum static bending radius : 5 x Overall diameter.
 Bending test in two directions on 15 mm : 10 000 cycles.



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	Shielded and sheathed
Insulation	PFA

Dimensional characteristics

Wire diameter	0.18 mm
Outer Diameter	2 mm
Maximum outer diameter	2.1 mm
Approximate weight	7.55 g/m

Electrical characteristics

Operating voltage	24 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