



Country Ref.: Etude 132923

CONTACT

Market information
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International Designation:

14 x 32 AWG wires

Medical Video Endoscopy cable

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

STANDARDS

Product Nexans specification

1- CORE (A)

AWG 32 Stranded silver plated conductor
 FEP insulation
 Diameter : 0.50 +/- 0.05 mm.

14 cores (A) twisted

Diameter : 2.2 mm

2- PTFE Tape

Diameter : 2.25 mm

3- SHIELD

AWG 40 Silver plated copper braid
 85% coverage
 Diameter : 2.6 mm

4- PTFE Tape

Diameter : 2.74 mm

5- MEDICAL PU

Diameter : 4.0 +/- 0.1 mm

Mechanical performances

Minimum bending radius : 5 x Overall diameter.



Cable flexibility
Very flexible



Maximum operating temperature
90 °C



Minimum operating temperature
-40 °C

CHARACTERISTICS**Construction characteristics**

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

Dimensional characteristics

Wire diameter	0.5 mm
Outer Diameter	4 mm
Maximum outer diameter	4.1 mm
Approximate weight	22.35 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	90 °C
Minimum operating temperature	-40 °C
Mechanical Resistance	Good mechanical resistance