



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 |
|-------------------|------|

Mechanical characteristics

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

Usage characteristics

| | |
|-------------------------------|----------------------------|
| Maximum operating temperature | 90 °C |
| Minimum operating temperature | -40 °C |
| Mechanical Resistance | Good mechanical resistance |