



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