



Country Ref.: Etude 132836

### CONTACT

Market information  
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### International Designation:

4 x 40 AWG wires

Medical Video Endoscopy cable

## STANDARDS

**Product** Nexans specification

### Characteristics

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

### CONSTRUCTION

#### 1- CORE (A)

AWG 40 stranded silver plated alloy conductor.  
Nominal diameter : 0.09 mm.  
MFA insulation.  
Diameter : 0.20 +/- 0.02 mm.

4 Cores A twisted  
Nominal diameter : 0.48 mm.

#### 2- SHIELD

AWG 44 silver plated copper braid.  
95% coverage.  
Nominal diameter : 0.75 mm.

#### 6- FEP Jacket

Diameter : 0.95 +/- 0.10 mm.

### Main Characteristics

Minimum static bending radius : 5 x Overall diameter.



Cable flexibility  
**Very flexible**



Maximum operating temperature  
**150 °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	- mm
Outer Diameter	0.95 mm
Maximum outer diameter	1.05 mm
Approximate weight	2.11 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	150 °C
Minimum operating temperature	-30 °C
Mechanical Resistance	Good mechanical resistance