



**Reference:** Etude 133144  
**Country Ref.:** Etude 133144

### CONTACT

Market information  
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### International Designation:

8 channels 34 AWG coax  
 4 x 38 AWG wires

### Video Endoscopy cable assemblies

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

## STANDARDS

### Product Nexans specification

#### 1- CORE (A)

AWG 34 (7 x 0.064)  
 Stranded silver plated alloy  
 MFA insulation  
 Diameter : 0.85 +/- 0.03 mm  
 AWG 44 Silver plated copper  
 Spiral shield  
 Diameter : 0.95 mm  
 MFA jacket  
 Diameter : 1.15 +/- 0.05 mm

#### 2- CORE (B)

AWG 28 (19 x 0.08)  
 Stranded silver plated alloy  
 MFA insulation  
 Diameter : 0.78 +/- 0.05 mm

### ASSEMBLY

8 Cores (A) + 4 Cores (B) twisted  
 Diameter : 4.2 mm

#### 3- PTFE Tape

Diameter : 4.25 mm

#### 4- SHILED

AWG 40 Silver plated copper braid  
 85% coverage  
 Diameter : 4.61 mm

#### 5- MEDICAL PVC

Diameter : 6 +/- 0.15 mm

### Main Characteristics

Minimum static bending radius : 5 x Overall diameter.



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	- mm
Outer Diameter	6 mm
Maximum outer diameter	6.15 mm
Approximate weight	51.54 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