



**Reference:** Etude 133499  
**Country Ref.:** Etude 133499

### CONTACT

Market information  
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**International Designation:**  
 4 channels 36 AWG coax cable

### Video Endoscopy cable assemblies

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

## STANDARDS

**Product** Nexans specification

### CORE (A)

AWG 36 stranded Silver plated copper conductor.  
 Fluoropolymer insulation.  
 Diameter : 0.44 +/- 0.05 mm  
 Silver plated copper spiral screen.  
 Wires diameter 0.05 mm  
 Min. coverage : 90%  
 Fluoropolymer jacket.  
 Diameter : 0.63 +/- 0.05 mm

### ASSEMBLY

4 Cores (A)

### SHIELD

Tin plated copper spiral screen.  
 Wires diameter 0.08 mm  
 Min. coverage : 90%

### JACKET

Fluoropolymer  
 Diameter : 1.90 +/- 0.15 mm

### Mechanical Characteristics

Minimum static bending radius : 5 x Overall diameter



Cable flexibility  
**Very flexible**



Maximum operating temperature  
**200 °C**



Minimum operating temperature  
**-50 °C**

**CHARACTERISTICS****Construction characteristics**

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

**Dimensional characteristics**

Wire diameter	0.44 mm
Outer Diameter	1.9 mm
Maximum outer diameter	2.05 mm
Approximate weight	8.34 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	200 °C
Minimum operating temperature	-50 °C
Mechanical Resistance	Good mechanical resistance