



**Reference:** Etude 133198  
**Country Ref.:** Etude 133198

### CONTACT

Market information  
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**International Designation:**  
 56 wires 30 AWG

### Multi-cores Unshielded and PVC Jacketed cable

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

## STANDARDS

**Product** Nexans specification

### 1- CORE (A)

AWG 30 Stranded silver plated copper conductor  
 PTFE insulation  
 Diameter : 0.61 +/- 0.05 mm

### 2- CORE (B)

8 cores (A) twisted

### 3- CORE (C)

Kevlar member

### ASSEMBLY

Center : 1 core (B) with Kevlar member  
 Around : 6 cores (B) twisted  
 Nominal Diameter : 6 mm

### 4- PTFE Tape

Nominal Diameter : 6.07 mm

### 5- JACKET

Medical PVC  
 Diameter : 7.20 +/- 0.20 mm

### Mechanical performances

Minimum bending radius : 5 x Overall diameter.



Cable flexibility  
**Flexible**



Maximum operating temperature  
**85 °C**



Minimum operating temperature  
**-30 °C**

**CHARACTERISTICS****Construction characteristics**

Conductor material	Silvered copper
Conductor shape	Multi stranded
Construction type	Unshielded and sheathed
Insulation	Extruded PTFE

**Dimensional characteristics**

Wire diameter	0.61 mm
Outer Diameter	7.2 mm
Maximum outer diameter	7.4 mm
Approximate weight	77 g/m

**Electrical characteristics**

Operating voltage	250 V
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**Mechanical characteristics**

Cable flexibility	Flexible
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**Usage characteristics**

Maximum operating temperature	85 °C
Minimum operating temperature	-30 °C
Mechanical Resistance	Good mechanical resistance