



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