



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 |
|-------------------|-------|

Mechanical characteristics

| | |
|-------------------|----------|
| Cable flexibility | Flexible |
|-------------------|----------|

Usage characteristics

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