



Country Ref.: Etude 122106

CONTACT

Market information
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International Designation:

16 x 38 AWG wires

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

STANDARDS

Product Nexans specification

1- CORE (A)

AWG 38 Silver plated copper wire.
 FEP insulation
 Diameter : 0.40 +/- 0.05 mm.

2- Filler

Assembly

16 Cores (A) + 1 Filler twisted
 Nominal diameter : 1.90 mm

3- PTFE Tape

Nominal diameter : 1.96 mm

4- SHIELD

AWG 40 Tin plated copper braid
 85% coverage
 Diameter : 2.30 mm

5- Medical PVC Jacket

Diameter : 2.95 +/- 0.05 mm

Mechanical performances

Minimum bending radius : 5 x Overall diameter.



Cable flexibility
Very flexible



Maximum operating temperature
80 °C



Minimum operating temperature
-20 °C

CHARACTERISTICS**Construction characteristics**

Conductor material	Silvered copper
Conductor shape	Single wired
Construction type	Shielded and sheathed
Insulation	Fluor polymer

Dimensional characteristics

Wire diameter	0.4 mm
Outer Diameter	2.95 mm
Maximum outer diameter	3.0 mm
Approximate weight	12 g/m

Electrical characteristics

Operating voltage	250 V
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Mechanical characteristics

Cable flexibility	Very flexible
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Usage characteristics

Maximum operating temperature	80 °C
Minimum operating temperature	-20 °C
Mechanical Resistance	Good mechanical resistance