



Reference: Etude 133213
Country Ref.: Etude 133213

CONTACT

Market information
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International Designation:

2 channels 38 AWG coax
 4 x 38 AWG wires

Video Endoscopy cable assemblies

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

STANDARDS

Product Nexans specification

1- CORE (A)

AWG 38 Stranded silver plated alloy
 FEP "SE" insulation
 Diameter : 0.51 +/- 0.05 mm
 AWG 48 Silver plated copper
 Spiral shield
 Diameter : 0.57 mm
 FEP jacket
 Diameter : 0.63 +/- 0.05 mm

2- CORE (B)

AWG 38 Stranded silver plated alloy
 FEP insulation
 Diameter : 0.21 +/- 0.03 mm

3- CORE (C)

2 cores (B) twisted

ASSEMBLY

2 Cores (A) + 2 Cores (C) twisted
 Nominal diameter : 1.26 mm

4- SHILED

AWG 44 Silver plated copper spiral shield
 90% coverage
 Nominal diameter : 1.36 mm

5- FEP jacket

Diameter : 1.60 +/- 0.10 mm

Main Characteristics

Minimum static bending radius : 5 x Overall diameter.



Cable flexibility
Very flexible



Maximum operating temperature
200 °C



Minimum operating temperature
-30 °C

CHARACTERISTICS**Construction characteristics**

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

Dimensional characteristics

Wire diameter	0.21 mm
Outer Diameter	1.6 mm
Maximum outer diameter	1.7 mm
Approximate weight	5 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	-30 °C
Mechanical Resistance	Good mechanical resistance