



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

Mechanical characteristics

| | |
|-------------------|---------------|
| Cable flexibility | Very flexible |
|-------------------|---------------|

Usage characteristics

| | |
|-------------------------------|----------------------------|
| Maximum operating temperature | 200 °C |
| Minimum operating temperature | -30 °C |
| Mechanical Resistance | Good mechanical resistance |