



Reference: Etude 133501
Country Ref.: Etude 133501

CONTACT

Market information
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International Designation:
 70 channels 40 AWG coax cable

Ultrasound cable assemblies

STANDARDS

Product Nexans specification

Characteristics

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

CONSTRUCTION

1- CORE (A)

AWG 40 stranded silver plated copper alloy.
 Fluoropolymer insulation.
 Diameter : 0.41 +/- 0.02 mm

AWG 48 silver plated copper helicoidal screen
 Nominal diameter : 0.47 mm

Fluoropolymer jacket
 Diameter : 0.53 +/- 0.02 mm

2- CORE (B)

8 Cores (A) twisted.
 Nominal diameter : 1.68 mm

3- CORE (C)

3 Cores (A) twisted.
 Nominal diameter : 1.14 mm

ASSEMBLY

Center : 1 Core (B) + 2 Cores (C) twisted.
 Around : 7 Cores (B) twisted.
 Nominal diameter : 5.5 mm

4- PTFE Tape

Nominal diameter : 5.63 mm

5- SHIELD

AWG 40 Tin plated copper braid.
 90% coverage.
 Nominal diameter : 5.99 mm

6- JACKET

Medical PVC
 Nom. diameter : 7.20 mm
 Max. diameter : 7.50 mm



Cable flexibility
Flexible



Maximum operating temperature
80 °C



Minimum operating temperature
-30 °C



RoHS compliant
Yes

Mechanical performances

Minimum static bending radius : 5 x Overall diameter.

CHARACTERISTICS**Construction characteristics**

Construction type	Shielded and sheathed
Conductor shape	Multi stranded
Conductor material	Silver coated copper
Insulation	FEP

Dimensional characteristics

Approximate weight	71 g/m
Outer Diameter	7.2 mm

Electrical characteristics

Operating voltage	24 V
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Mechanical characteristics

Cable flexibility	Flexible
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Usage characteristics

Maximum operating temperature	80 °C
Minimum operating temperature	-30 °C
RoHS compliant	Yes