



Reference: Etude 133359
Country Ref.: Etude 133359

CONTACT

Market information
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International Designation:

200 channels 42 AWG coax cable
 + 4 x 32 AWG wires

Ultrasound cable assemblies

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

STANDARDS

Product 448-010-3-10; Nexans specification

1- CORE (A)

AWG 42 Stranded silver plated copper alloy conductor.
 MFA insulation
 Diameter : 0.28 +/- 0.02 mm
 AWG 48 silver plated copper
 helicoidal screen.
 Nom. diameter : 0.34 mm
 FEP jacket
 Diameter : 0.40 +/- 0.03 mm

2- CORE (B)

16 Cores A twisted

3- CORE (C)

32 AWG Stranded silver plated copper alloy conductor.
 FEP insulation
 Diameter : 0.40 +/- 0.03 mm

4- CORE (D)

4 Core C twisted

5- CORE (E)

4 Cores A twisted

ASSEMBLY

12 Cores B + 1 Core D + 2 Cores E twisted
 Nom. diameter : 7.34 mm

6- PTFE Tape

Nom. diameter : 7.40 mm

7- SHIELD

AWG 40 Tin plated copper braid
 85% coverage, nom. diameter : 7.75 mm

8- JACKET

Medical PVC diameter : 9.05 +/- 0.30 mm

Mechanical Characteristics

Minimum static bending radius : 5 x Overall diameter.



Cable flexibility
 Very flexible



Maximum operating temperature
 80 °C



Minimum operating temperature
 -30 °C



RoHS compliant
 Yes

CHARACTERISTICS**Construction characteristics**

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

Dimensional characteristics

Approximate weight	130 g/m
Outer Diameter	9.05 mm

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