



Country Ref.: Etude 132807

CONTACT

Market information
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International Designation:

2 channels 32 AWG coax
+ 1 channel 32 AWG triax
+ 4 x 26 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 32 stranded Silver plated copper alloy conductor.
FEP insulation.
Diameter : 0.65 +/- 0.02 mm.
AWG 44 Silver plated copper spiral shield.
Nominal diameter : 0.75 mm.
FEP jacket
Diameter : 0.91 +/- 0.03 mm

2- CORE (B)

32 AWG stranded Silver plated copper alloy conductor.
FEP insulation.
Diameter : 0.65 +/- 0.02 mm.
AWG 44 Silver plated copper spiral shield.
Nominal diameter : 0.75 mm
FEP jacket.
Nominal diameter : 0.91 +/- 0.03 mm.
AWG 44 Silver plated copper spiral shield.
Nominal diameter : 1.01 mm.
FEP jacket.
Diameter : 1.20 +/- 0.10 mm.

3- CORE (C)

AWG 26 stranded Silver plated copper conductor.
FEP insulation.
Diameter : 0.91 +/- 0.05 mm

Assembly

1 Core (B) + 1 Kevlar member
Around 2 Cores (A) + 1 filler + 4 Cores (C) twisted.
Nominal diameter : 3.00 mm

4- PTFE Tape

Nominal diameter : 3.05 mm

5- SHIELD

AWG 40 Silver plated copper braid.
85% coverage.
Nominal diameter : 3.50 mm

6- JACKET

Medical PVC
Diameter : 6.80 +/- 0.15 mm



Cable flexibility
Very flexible



Maximum operating temperature
85 °C



Minimum operating temperature
-30 °C



RoHS compliant
Yes

Main Characteristics

Minimum bending radius : 5 x Overall diameter.

CHARACTERISTICS**Construction characteristics**

Construction type	Shielded and sheathed
Conductor shape	Single wired
Conductor material	Silver coated copper
Insulation	FEP

Dimensional characteristics

Approximate weight	62 g/m
Outer Diameter	6.8 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	85 °C
Minimum operating temperature	-30 °C
RoHS compliant	Yes