



Country Ref.: Etude 132911

CONTACT

Market information
 industryprojects.business@lynxegroup.com

International Designation:

132 channels 38 AWG coax cable

Ultrasound cable assemblies

STANDARDS

Product 448-010-3-10; Nexans specification

Characteristics

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

CONSTRUCTION

1- CORE (A)

AWG 38 silver plated copper wire.

FEP insulation.

Diameter : 0.30 +/- 0.02 mm

AWG 48 silver plated copper helicoidal screen

Nominal diameter : 0.36 mm

FEP jacket

Diameter : 0.46 +/- 0.03 mm

2- CORE (B)

4 Cores A twisted.

Nominal diameter : 1.10 mm

3- CORE (C)

8 Cores (A) twisted.

Nominal diameter : 1.40 mm

1 Kevlar strength member +

16 cores (C) twisted.

Nominal diameter : 6.32 mm

4- PTFE Tape

Nominal diameter : 6.65 mm

5- SHIELD

AWG 40 tin plated copper braid.

85% coverage.

Nominal diameter : 7 mm

6- JACKET

Medical PVC

Diameter : 8.48 +/- 0.20 mm

Main Characteristics

Minimum bending radius : 5 x Overall diameter.



Cable flexibility
Flexible



Maximum operating temperature
85 °C



Minimum operating temperature
-30 °C



RoHS compliant
Yes

CHARACTERISTICS**Construction characteristics**

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

Dimensional characteristics

Approximate weight	119 g/m
Outer Diameter	8.48 mm

Electrical characteristics

Operating voltage	24 V
-------------------	------

Mechanical characteristics

Cable flexibility	Flexible
-------------------	----------

Usage characteristics

Maximum operating temperature	85 °C
Minimum operating temperature	-30 °C
RoHS compliant	Yes