



Country Ref.: Etude 132911

### CONTACT

Market information  
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#### 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
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**Mechanical characteristics**

Cable flexibility	Flexible
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**Usage characteristics**

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