



Reference: Etude 133652

### CONTACT

Market information  
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#### International Designation:

68 channels 38 AWG coax cable

#### Ultrasound cable assemblies

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

### STANDARDS

Product Nexans specification

#### 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)

8 Cores A twisted.  
 Nominal diameter : 1.40 mm

#### 3- CORE (C)

2 Cores (A) twisted.  
 Nominal diameter : 0.90 mm

1 Kevlar strength member +  
 8 Cores (B) + 2 Cores (C) twisted.  
 Nominal diameter : 4.60 mm

#### 4- PTFE Tape

Nominal diameter : 4.65 mm

#### 5- SHIELD

AWG 40 tin plated copper braid.  
 85% coverage.  
 Max. diameter : 5.23 mm

#### Main Characteristics

Minimum bending radius : 5 x Overall diameter.



Cable flexibility  
**Very flexible**



Maximum operating temperature  
**105 °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	50 g/m
Outer Diameter	5.03 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	105 °C
Minimum operating temperature	-30 °C
RoHS compliant	Yes