



Country Ref.: Etude 132505

### 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

**Producto** 448-010-3-10; Especificaciones Nexans

#### 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.  
 Nominal diameter : 5.00 mm

#### 6- JACKET

Medical PVC  
 Diameter : 6.50 +/- 0.10 mm

#### Main Characteristics

Minimum bending radius : 5 x Overall diameter.



Flexibilidad del cable  
**Muy flexible**



Temperatura máxima operativa  
 85 °C



Temperatura mínima operativa  
 -30 °C



Acorde con normativa RoHS  
 Si

**CHARACTERISTICS****Características de construcción**

Construction type	Shielded and sheathed
Forma del conductor	Single wired
Material del conductor	Silver coated copper
Aislamiento	FEP

**Características dimensionales**

Approximate weight	68 g/m
Diámetro exterior	6,5 mm

**Características eléctricas**

Tensión de operación	24 V
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**Características mecánicas**

Flexibilidad del cable	Muy flexible
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**Características de uso**

Temperatura máxima operativa	85 °C
Temperatura mínima operativa	-30 °C
Acorde con normativa RoHs	Si