



Country Ref.: Etude 124810

### CONTACT

Market information  
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#### International Designation:

4 channels 38 AWG coax

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

### STANDARDS

Product Nexans specification

#### 1- CORE (A)

AWG 38 stranded Silver plated copper alloy conductor.  
FEP insulation.

Diameter : 0.51 +/- 0.02 mm.

AWG 48 Silver plated copper spiral shield.

Nominal diameter : 0.57 mm.

FEP jacket

Diameter : 0.62 +/- 0.02 mm

#### Assembly

4 Cores (A) twisted.

Nominal diameter : 1.50 mm

#### 2- PTFE Tape

Nominal diameter : 1.55 mm

#### 3- SHIELD

AWG 40 Tin plated copper braid.

90% coverage.

Nominal diameter : 1.92 mm

#### 4- JACKET

Medical PVC

Diameter : 2.80 +/- 0.10 mm

#### Main Characteristics

Minimum bending radius : 5 x Overall diameter.



Cable flexibility  
Very flexible



Maximum operating temperature  
85 °C



Minimum operating temperature  
-30 °C



RoHS compliant  
Yes

**CHARACTERISTICS****Construction characteristics**

Construction type	Shielded and sheathed
Conductor shape	Multi stranded
Conductor material	Silver coated copper
Insulation	FEP

**Dimensional characteristics**

Approximate weight	12 g/m
Outer Diameter	2.8 mm

**Electrical characteristics**

Operating voltage	250 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