



Country Ref.: Etude 133510

CONTACT

Market information
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International Designation:

16 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 solid silver plated copper conductor
Nominal diameter : 0.10 mm
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

ASSEMBLY

1 Kevlar strength member + 4 Cores (B) twisted

3- PTFE Tape

Nominal diameter : 2.72 mm

4- SHIELD

AWG 40 tin plated copper braid.
85% min coverage.
Nominal diameter : 3.04 mm

5- PTFE Tape

Nominal diameter : 3.24 mm

6- JACKET

Polyurethane
Nom. Diameter : 4.40 mm
Max. Diameter : 4.50 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	24 g/m
Outer Diameter	4.4 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