



Reference: Etude 133701
Country Ref.: Etude 133701

CONTACT

Market information
 industryprojects.business@lynxéo
 group.com

International Designation:

2 channels AWG46 + 4 channels AWG42 Coax
 + AWG42 AWG38 AWG36 AWG34 Wires

Ultrasound cable assemblies

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

STANDARDS

Product Nexans specification

CORE (A)

AWG46 stranded Silver plated copper alloy conductor
 Fluoropolymer Insulation
 Nominal diameter : 0.10 mm
 AWG48 Silver plated copper spiral shield
 Nominal diameter : 0.16 mm
 Fluoropolymer Jacket
 Diameter : 0.23 +/- 0.02 mm

CORE (B)

AWG44 stranded Silver plated copper alloy conductor
 Fluoropolymer Insulation
 Nominal diameter : 0.15 mm
 AWG48 Silver plated copper spiral shield.
 Nominal diameter : 0.21 mm
 Fluoropolymer Jacket
 Diameter : 0.27 +/- 0.02 mm

CORE (C)

AWG44 stranded Silver plated copper alloy conductor
 Fluoropolymer Insulation
 Nominal diameter : 0.17 mm
 AWG48 Silver plated copper spiral shield
 Nominal diameter : 0.23 mm
 Fluoropolymer Jacket
 Diameter : 0.29 +/- 0.02 mm

CORE (D)

AWG42 stranded Silver plated copper alloy conductor
 Fluoropolymer Insulation
 Nominal diameter : 0.17 mm

CORE (E)

AWG38 stranded Silver plated copper alloy conductor
 Fluoropolymer Insulation
 Diameter : 0.22 +/- 0.02 mm



Cable flexibility
Very flexible



Maximum operating temperature
85 °C



Minimum operating temperature
-30 °C

CORE (F)

AWG36 stranded Silver plated copper alloy conductor
 Fluoropolymer Insulation
 Diameter : 0.25 +/- 0.02 mm



RoHS compliant
Yes

CORE (G)

AWG34 stranded Silver plated copper alloy conductor.
 Fluoropolymer Insulation
 Diameter : 0.25 +/- 0.02 mm

CHARACTERISTICS**Construction characteristics**

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

Dimensional characteristics

Approximate weight	3.46 g/m
Outer Diameter	1.31 mm

Electrical characteristics

Operating voltage	24 V
-------------------	------

Mechanical characteristics

Cable flexibility	Very flexible
-------------------	---------------

Usage characteristics

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