



Country Ref.: Etude 133056

## CONTACT

Market information  
industryprojects.business@lynxgroup.com

### International Designation:

2 channels 36 AWG coax cable

Cable for invasive monitoring probe

## 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 36 silver plated copper wire.  
FEP insulation.  
Diameter : 0.32 +/- 0.03 mm

AWG 44 silver plated copper helicoidal screen  
Nominal diameter : 0.42 mm

FEP jacket  
Diameter : 0.52 +/- 0.03 mm

2 Cores (A) twisted.  
Nominal diameter : 1.02 mm

#### 2- SHIELD

AWG 44 silver plated copper helicoidal screen.  
Nominal diameter : 1.12 mm

#### 6- JACKET

Suoper Polyamide  
Diameter : 1.50 +/- 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	Single wired
Conductor material	Silver coated copper
Insulation	FEP

**Dimensional characteristics**

Approximate weight	3.5 g/m
Outer Diameter	1.5 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