



Reference: Etude 133471
Country Ref.: Etude 133471

CONTACT

Market information
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International Designation:

3 shielded jacketed 42 AWG pairs
 5 Channels 42 AWG coax
 + 9 x 42 AWG wires

Video Endoscopy cable assemblies

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

STANDARDS

Producto Especificaciones Nexans

1- CORE (A)

AWG 42 stranded Silver plated alloy conductor.
 MFA insulation.
 Diameter : 0.20 +/- 0.03 mm.
 Assembly two cores
 AWG 48 Silver plated copper spiral braid.
 Nominal diameter : 0.46 mm.
 FEP Jacket
 Diameter : 0.56 +/- 0.03 mm.

2- CORE (B)

AWG 42 stranded Silver plated alloy conductor.
 MFA insulation.
 Diameter : 0.22 +/- 0.02 mm.
 AWG 48 Silver plated copper spiral braid.
 MFA Jacket
 Diameter : 0.36 +/- 0.03 mm

3- CORE (C)

AWG 42 stranded Silver plated alloy conductor.
 MFA insulation.
 Diameter : 0.18 +/- 0.02 mm

Assembly

8 Cores (C)
 + 1 Core (C) + 5 Cores (B) + 3 Cores (A) twisted.

4- PTFE Tape

5- SHIELD

AWG 44 silver plated copper braid.
 85% coverage.
 Nominal diameter : 1.99 mm.

6- FEP Jacket

Nom. Diameter : 2.25 mm.
 Max. Diameter : 2.30 mm

Main Characteristics

Minimum static bending radius : 5 x Overall diameter.



Flexibilidad del cable
Muy flexible



Temperatura máxima operativa
150 °C



Temperatura mínima operativa
-30 °C

CHARACTERISTICS**Características de construcción**

Material del conductor	Silvered copper
Forma del conductor	Cableado flexible
Construction type	Shielded and sheathed
Aislamiento	PFA

Características dimensionales

Wire diameter	0,18 mm
Diámetro exterior	2,25 mm
Diámetro exterior máximo	2,3 mm
Approximate weight	8,25 g/m

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	150 °C
Temperatura mínima operativa	-30 °C
Mechanical Resistance	Good mechanical resistance