



Country Ref.: Etude 133274

CONTACT

Market information
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International Designation:

3 Channels 42 AWG coax
 + 9 x 42 AWG wires

Medical Video Endoscopy cable assemblies

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

STANDARDS

Producto Especificaciones Nexans

1- CORE (A)

AWG 42 stranded silver plated alloy conductor.
 FEP insulation.
 Diameter : 0.21 +/- 0.02 mm.

AWG 48 silver plated copper spiral shield.
 Nominal diameter : 0.27 mm.

FEP Jacket
 Diameter : 0.35 +/- 0.02 mm.

2- CORE (B)

AWG 42 stranded silver plated alloy conductor.
 FEP insulation.
 Diameter : 0.15 +/- 0.02 mm.

3- CORE (C)

4 Cores (B) twisted.

3 Cores (A) + 1 Core (C) + 5 Cores (B) twisted.
 Nominal diameter : 0.85 mm.

4- PTFE Tape

Nominal diameter : 0.97 mm.

5- SHIELD

AWG 44 silver plated copper braid.
 95% coverage.
 Nominal diameter : 1.20 mm.

6- Medical Polyurethane Jacket

Diameter : 1.40 +/- 0.10 mm.

Main Characteristics

Minimum static bending radius : 5 x Overall diameter.



Flexibilidad del cable
Muy flexible



Temperatura máxima operativa
85 °C



Temperatura mínima operativa
20 °C

CHARACTERISTICS**Características de construcción**

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

Características dimensionales

Wire diameter	0,15 mm
Diámetro exterior	1,4 mm
Diámetro exterior máximo	1,5 mm
Approximate weight	- g/m

Características eléctricas

Tensión de operación	35 V
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Características mecánicas

Flexibilidad del cable	Muy flexible
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Características de uso

Temperatura máxima operativa	85 °C
Temperatura mínima operativa	20 °C
Mechanical Resistance	Good mechanical resistance