



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 |
|----------------------|------|

**Características mecánicas**

|                        |              |
|------------------------|--------------|
| Flexibilidad del cable | Muy flexible |
|------------------------|--------------|

**Características de uso**

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