



Country Ref.: Etude 133274

## CONTACT

Market information  
industryprojects.business@lyn  
xeogroup.com

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

Product Nexans specification

### 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.



电缆柔软度  
超柔软



最高工作温度  
85 ° C



最低工作温度  
20 ° C

CHARACTERISTICS

结构特性		
导体材料		镀银铜线
导体形状		多芯绞和
结构类型		屏蔽和护套
绝缘		氟聚合物
尺寸特性		
线径		0.15 mm
外径		1.4 mm
Maximum outer diameter		1.5 mm
近似重量		- g/m
电气特性		
工作电压		35 V
机械特性		
电缆柔软度		超柔软
使用特性		
最高工作温度		85 ° C
最低工作温度		20 ° C
Mechanical Resistance		良好的机械防护