



Reference: Etude 133261  
Country Ref.: Etude 133261

### CONTACT

Market information  
industryprojects.business@lyn  
xeogroup.com

International Designation:  
6 Channels 42 AWG coax  
+ 12 x 42 AWG wires

Medical Video Endoscopy cable

## STANDARDS

Product

Characteristics

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

1 - CORE (A)

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

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

MFA Jacket  
Diameter : 0.35 +/- 0.03 mm.

2 - CORE (B)

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

3 - CORE (C)

2 Cores (B) twisted.

6 Cores (A) + 6 Cores (C) twisted.  
Nominal diameter : 1.49 mm.

4 - PTFE Tape  
Nominal diameter : 1.55 mm.

5 - SHIELD  
AWG 44 silver plated copper braid.  
85% coverage.  
Nominal diameter : 1.78 mm.

6 - FEP Jacket  
Diameter : 2.00 +/- 0.10 mm.

Main Characteristics

Minimum static bending radius : 5 x Overall diameter.  
Bending test in two directions on 15 mm : 10 000 cycles.



Cable flexibility  
Very flexible



85 ° C



Minimum operating temperature  
- 30 ° C

## CHARACTERISTICS

Conductor shape

PFA

Wire diameter

0.18 mm

2 mm

Maximum outer diameter

2.1 mm

Approximate weight

7.55 g/m

Operating voltage

24 V

Cable flexibility

Very flexible

85 ° C

Minimum operating temperature

- 30 ° C

Mechanical Resistance

Good mechanical resistance