



Reference: Etude 133491
Country Ref.: Etude 133491

CONTACT

Market information
 industryprojects.business@lynxgroup.com

International Designation:
 7 channels 36 AWG coax cable

Video Endoscopy cable assemblies

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

STANDARDS

National Customer specification

1- CORE (A)

AWG 36 stranded Silver plated copper conductor.
 FEP insulation.
 Diameter : 0.40 +/- 0.03 mm

Tin plated copper braid.

Wires diameter 0.05 mm
 Nom. coverage : 90%

FEP Jacket.
 Diameter : 0.81 +/- 0.03 mm

ASSEMBLY

1 + 6 Cores (A)

Overall PTFE Tape

SHIELD

Tin plated copper braid.

Wires diameter 0.08 mm
 Min. coverage : 90%

Medical grade PVC Jacket

Diameter : 4.00 +/- 0.15 mm

Mechanical Characteristics

Minimum static bending radius : 5 x Overall diameter



Cable flexibility
Very flexible



Maximum operating temperature
80 °C



Minimum operating temperature
-40 °C

CHARACTERISTICS**Construction characteristics**

Conductor material	Silvered copper
Conductor shape	Multi stranded
Construction type	Shielded and sheathed
Insulation	Fluor polymer

Dimensional characteristics

Wire diameter	0.4 mm
Outer Diameter	4 mm
Maximum outer diameter	4.15 mm
Approximate weight	26 g/m

Electrical characteristics

Operating voltage	30 V
-------------------	------

Mechanical characteristics

Cable flexibility	Very flexible
-------------------	---------------

Usage characteristics

Maximum operating temperature	80 °C
Minimum operating temperature	-40 °C
Mechanical Resistance	Good mechanical resistance