



Country Ref.: Etude 133483

## CONTACT

Market information  
industryprojects.business@lynxgroup.com

### International Designation:

2 32 AWG pairs  
2 channels 32 AWG coax  
+ 4 x 32 AWG wires

### 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 32 stranded Silver plated copper alloy conductor.  
FEP insulation.  
Nom. diameter : 0.65 mm  
AWG 44 Silver plated copper spiral shield.  
Min. coverage : 90%  
FEP Jacket.  
Diameter : 0.91 +/- 0.03 mm

#### 2- CORE (B)

AWG 32 stranded Silver plated copper alloy conductor.  
MFA insulation.  
Nom. diameter : 0.40 mm  
Assembly two cores  
Nom. diameter : 0.80 mm

#### 3- CORE (C)

AWG 32 stranded Silver plated copper alloy conductor.  
MFA insulation.  
Diameter : 0.40 +/- 0.03 mm

### ASSEMBLY

PTFE central filler  
+ 2 Cores (A) + 2 Cores (B) + 4 Cores (C) twisted.

#### 4- PTFE Tape

#### 5- SHIELD

AWG 44 silver plated copper spiral shield.  
Min. coverage : 90%  
Nominal diameter : 2.35 mm.

#### 6- FEP Jacket

Nom. Diameter : 2.80 mm.  
Max. Diameter : 3.00 mm

### Mechanical Characteristics

Minimum static bending radius : 5 x Overall diameter



Flessibilità del cavo  
Molto Flessibile



Temperatura operativa massima  
200 °C



Temperatura operativa minima  
-30 °C

**CHARACTERISTICS****Caratteristiche costruttive**

Materiale del conduttore	Rame argentato
Forma del conduttore	Multi stranded
Costruzione	Shielded and sheathed
Isolamento	Polimero fluorato

**Caratteristiche dimensionali**

Diametro filo	0,4 mm
Diametro esterno	2,8 mm
Diametro esterno max	3,0 mm
Peso approssimativo	16 g/m

**Caratteristiche elettriche**

Tensione operativa	12 V
--------------------	------

**Caratteristiche meccaniche**

Flessibilit� del cavo	Molto Flessibile
-----------------------	------------------

**Caratteristiche d'utilizzo**

Temperatura operativa massima	200 �C
Temperatura operativa minima	-30 �C
Resistenza meccanica	Good mechanical resistance