



Reference: Etude 133475
Country Ref.: Etude 133475

CONTACT

Market information
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International Designation:

3 shielded jacketed 40 AWG pairs
 4 channels 42 AWG coax
 + 14 x 42 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 40 stranded Silver plated alloy conductor.
 MFA insulation.
 Diameter : 0.25 +/- 0.03 mm.
 Assembly two cores
 AWG 48 Silver plated copper spiral braid.
 Nominal diameter : 0.56 mm.
 FEP Jacket
 Diameter : 0.66 +/- 0.03 mm.

2- CORE (B)

AWG 42 stranded Silver plated alloy conductor.
 MFA insulation.
 Diameter : 0.22 +/- 0.02 mm.
 AWG 48 Silver plated copper spiral braid.
 MFA Jacket
 Diameter : 0.36 +/- 0.03 mm

3- CORE (C)

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

ASSEMBLY

8 Cores (C)
 + 3 Cores (A) + 4 Cores (B) + 6 Cores (C) twisted.

4- PTFE Tape

5- SHIELD

AWG 44 silver plated copper braid.
 85% coverage.
 Nominal diameter : 2.19 mm.

6- FEP Jacket

Nom. Diameter : 2.45 mm.
 Max. Diameter : 2.50 mm

Mechanical Characteristics

Minimum static bending radius : 5 x Overall diameter.
 Bending test : 15000 cycles in 2 directions, mandrel diameter 15 mm.



Flessibilità del cavo
Molto Flessibile



Temperatura operativa massima
150 °C



Temperatura operativa minima
-30 °C

CHARACTERISTICS**Caratteristiche costruttive**

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

Caratteristiche dimensionali

Diametro filo	0,18 mm
Diametro esterno	2,45 mm
Diametro esterno max	2,5 mm
Peso approssimativo	10 g/m

Caratteristiche elettriche

Tensione operativa	24 V
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Caratteristiche meccaniche

Flessibilita' del cavo	Molto Flessibile
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Caratteristiche d'utilizzo

Temperatura operativa massima	150 °C
Temperatura operativa minima	-30 °C
Resistenza meccanica	Good mechanical resistance