



Reference: Etude 133471
Country Ref.: Etude 133471

CONTACT

Market information
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International Designation:
3 shielded jacketed 42 AWG pairs
5 Channels 42 AWG coax
+ 9 x 42 AWG wires

Video Endoscopy cable assemblies

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

STANDARDS

Product

1 - CORE (A)

AWG 42 stranded Silver plated alloy conductor.
MFA insulation.
Diameter : 0.20 +/- 0.03 mm.
Assembly two cores
AWG 48 Silver plated copper spiral braid.
Nominal diameter : 0.46 mm.
FEP Jacket
Diameter : 0.56 +/- 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)
+ 1 Core (C) + 5 Cores (B) + 3 Cores (A) twisted.

4 - PTFE Tape

5 - SHIELD
AWG 44 silver plated copper braid.
85% coverage.
Nominal diameter : 1.99 mm.

6 - FEP Jacket
Nom. Diameter : 2.25 mm.
Max. Diameter : 2.30 mm

Main Characteristics

Minimum static bending radius : 5 x Overall diameter.



Cable flexibility
Very flexible



150 ° C



Minimum operating temperature
- 30 ° C

CHARACTERISTICS

Conductor shape	
	PFA
Wire diameter	0.18 mm
	2.25 mm
Maximum outer diameter	2.3 mm
Approximate weight	8.25 g/m
Operating voltage	24 V
Cable flexibility	Very flexible
	150 ° C
Minimum operating temperature	- 30 ° C
Mechanical Resistance	Good mechanical resistance