



Reference: Etude 133528
Country Ref.: Etude 133528

CONTACT

Market information
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International Designation:

3 channels 32 AWG coax
+ 4 x 26 AWG wires

Monitoring cable assemblies

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

STANDARDS

Product 448-010-3-10; Nexans specification

1- CORE (A)

AWG 32 stranded Silver plated copper alloy conductor.
FEP insulation.
Diameter : 0.65 +/- 0.02 mm.
AWG 44 Silver plated copper spiral shield.
Nominal diameter : 0.75 mm.
FEP jacket
Diameter : 0.91 +/- 0.03 mm

2- CORE (B)

AWG 26 stranded Silver plated copper conductor.
FEP insulation.
Diameter : 0.91 +/- 0.05 mm

Assembly

1 Filler + 1 Kevlar member
Around 3 Cores (A) + 4 Cores (B) twisted.
Nominal diameter : 3.00 mm

3- PTFE Tape

Nominal diameter : 3.07 mm

4- SHIELD

AWG 40 Silver plated copper braid.
85% coverage.
Nominal diameter : 3.43 mm

5- JACKET

Medical PVC
Diameter : 6.80 +/- 0.15 mm

Main Characteristics

Minimum bending radius : 5 x Overall diameter.



Cable flexibility
Very flexible



Maximum operating temperature
85 °C



Minimum operating temperature
-30 °C



RoHS compliant
Yes

CHARACTERISTICS**Construction characteristics**

| | |
|--------------------|-----------------------|
| Construction type | Shielded and sheathed |
| Conductor shape | Single wired |
| Conductor material | Silver coated copper |
| Insulation | FEP |

Dimensional characteristics

| | |
|--------------------|--------|
| Approximate weight | 62 g/m |
| Outer Diameter | 6.8 mm |

Electrical characteristics

| | |
|-------------------|------|
| Operating voltage | 24 V |
|-------------------|------|

Mechanical characteristics

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

Usage characteristics

| | |
|-------------------------------|--------|
| Maximum operating temperature | 85 °C |
| Minimum operating temperature | -30 °C |
| RoHS compliant | Yes |