



Reference: Etude 133529
Country Ref.: Etude 133529

CONTACT

Market information
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International Designation:
 28 AWG twisted QUAD

USB 2.0 high speed

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

STANDARDS

Product Nexans specification

CORE A

AWG 28 stranded silver plated copper alloy conductor.
 Diameter : 0.38 mm.
 MFA insulation.
 Diameter : 0.70 +/- 0.05 mm.

Assembly

Kevlar member
 4 Cores (A) twisted.

PTFE tape.

CORE B

14 x 0.08 mm Silver plated copper alloy.

SHIELD

AWG 40 Silver plated copper alloy braid
 95% min. coverage.

PTFE tape.

Medical Polyurethane Jacket

Diameter : 3.50 +/- 0.10 mm.

Mechanical performances

Minimum static bending radius : 5 x Overall diameter.



Cable flexibility
 Very flexible



Maximum operating temperature
 85 °C



Minimum operating temperature
 -30 °C

CHARACTERISTICS**Construction characteristics**

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

Dimensional characteristics

Wire diameter	0.7 mm
Outer Diameter	3.5 mm
Maximum outer diameter	3.6 mm
Approximate weight	20 g/m

Electrical characteristics

Operating voltage	24 V
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Mechanical characteristics

Cable flexibility	Very flexible
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Usage characteristics

Maximum operating temperature	85 °C
Minimum operating temperature	-30 °C
Mechanical Resistance	Good mechanical resistance