



**Reference:** Etude 133529  
**Country Ref.:** Etude 133529

### CONTACT

Market information  
 industryprojects.business@lynxeogroup.com

**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