



Country Ref.: Etude 132513

### CONTACT

Market information  
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#### International Designation:

42 AWG Coax Cable

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

### STANDARDS

**Product** Nexans specification

#### 1- Conductor

AWG 42 Silver plated copper alloy wire.

#### 2- Insulation

Fluoropolymer  
 Nominal diameter : 0.26 mm

#### 3- Shield

AWG 48 silver plated copper spiral shield  
 Nominal diameter : 0.32 mm

#### 4- Jacket

Fluoropolymer  
 Diameter : 0.38 +/- 0.02 mm

#### Main Characteristics

Minimum bending radius : 5 x Overall diameter.



Cable flexibility  
**Very flexible**



Maximum operating temperature  
**200 °C**



Minimum operating temperature  
**-50 °C**



RoHS compliant  
**Yes**

## CHARACTERISTICS

### Construction characteristics

Construction type	Shielded and sheathed
Conductor shape	Single wired
Conductor material	Silver coated copper
Insulation	Fluor polymer

### Dimensional characteristics

Approximate weight	0.35 g/m
Outer Diameter	0.38 mm

### 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	200 °C
Minimum operating temperature	-50 °C
RoHS compliant	Yes