
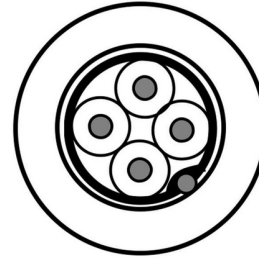


**Product:** [9534NH](#) 

Computer Cable for EIA RS-232 Applications



**Product Description**

24 AWG stranded (7x32) tinned copper conductors, 4 conductors cabled, PE insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, LSZH jacket, Flame resistance IEC 60332-3-24

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor - Euroclass Dca
Suitable Applications:	Instrumentation and computer cable; for EIA RS-232 data transmission applications

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	4

Conductor Count:	4
Total Number of Pairs:	0

**Insulation**

Material	Nominal Diameter	Diameter +/- Tolerance
Polyethylene	1.12 mm	0.05 mm

**Color Chart**

Number	Color
Wire 1	Black
Wire 2	White
Wire 3	Red
Wire 4	Green

**Outer Shield Material**

Type	Material	Material Trade Name	Thickness of Foil	Drainwire Material	Drainwire AWG
Tape	Aluminum/Polyester	Beldfoil®	9 / 12 µm	TC - Tinned Copper	AWG24/7

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness
LSZH / FRNC (UV stabilised)	4.85 mm	0.9 mm

**Construction and Dimensions**

**Cabling**

Description
4 wires twisted to cable core

**Electrical Characteristics**

**Conductor DCR**

Nominal Conductor DCR	Nominal Outer Shield DCR

82 Ohm/km	59.1 Ohm/km
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#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
108.3 pF/m	213.3 pF/m

#### Impedance

Frequency [MHz]	Nominal Characteristic Impedance
N/A	75 Ohm

#### Current

Element	Max. Recommended Current [A]
Conductor	1.75 A

#### Voltage

Voltage Rating [V]
300 V

#### Temperature Range

Installation Temp Range:	-15°C To +80°C
Storage Temp Range:	-45°C To +80°C
Operating Temp Range (Flexible Install):	-15°C To +80°C
Operating Temp Range (Fixed Install):	-45°C To +80°C

#### Mechanical Characteristics

Oil Resistance:	IEC 60811-404
Max Recommended Pulling Tension:	100 N
Min Bend Radius During Installation:	48.5 mm

#### Standards

CPR Euroclass:	Dca-s1,d2,a1
CENELEC Compliance:	EN 50290-2-27

#### Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01
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#### Flammability, LSOH, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2 and IEC 60332-3-24
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

#### Part Number

#### Variants

Item #	Color	Length
9534NH.001000	Chrome	1,000 m
9534NH.00500	Chrome	500 m
9534NH.K0500	Chrome	500 m

#### History

Update and Revision:	Revision Number: 0.153 Revision Date: 02-14-2020
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