

Technical Document  
Alternative to Belden 9536  
6core 24awg LSNH White

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Part Number: 429536D-WHT

Description: Alternative to Belden 9536 6core  
24awg Overall Foil Screened LSNH White



**Product Construction**

Alternative to Belden	:	9536 NH
Conductor Material	:	Tinned Copper
Conductor Stranding	:	24awg; 7/0.20mm
Insulation Material	:	Low Smoke Non-Halogen (LSNH)
Number of Cores	:	6
Core Colours	:	Black, White, Red, Green, Brown, Blue
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Drain Wire	:	Tinned Copper, 24awg Stranded
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	White



**Mechanical Characteristics**

Overall Diameter	:	5.3mm ± 0.20mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	15 x Overall Diameter
Weight	:	41 kg/km

**Electrical Characteristics**

Conductor DC Resistance @20°C	:	≤ 98.8 Ω/km
Capacitance	Core to Core	88 pF/m ± 20
	Core to Screen	156 pF/m ± 35
Insulation Resistance @ 20°C	:	≥ 200 M Ω *M
Voltage Rating	:	300V

**Certifications & Standards**

Flame Retardancy	:	BS EN 60332-1-2
Low Smoke	:	BS EN 61034-2
Halogen Gas	:	BS EN 60754-1&2
Suitable Protocol	:	RS 232
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Dca s1a, d1, a1 to BS EN 50575:2014+A1:2016

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**Webro Cables & Connectors Ltd**

Vision House, Meadow Brooks Business Park, Meadow Lane, Long Eaton, Nottingham NG10 2GD, UK  
Tel: +44 (0)115 9724483 | Fax: +44 (0)115 9461230 | sales@webro.com | [www.webro.com](http://www.webro.com)

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