



# Belden 9519 Multi-Conductor Cable



Eland Product Group: A4B

## APPLICATION

An overall foil screened cable used for data control circuits, computers and RS 232 applications.

## CHARACTERISTICS

**Voltage Rating**  
300V

**Temperature Rating**  
-30°C to +80°C

## CONSTRUCTION

**Conductor**  
Class 2 stranded tinned copper conductor

**Insulation**  
PVC (Polyvinyl Chloride)

**Screen**  
Beldfoil<sup>®</sup> (Aluminium foil polyester tape)

**Drain Wire**  
Tinned copper

**Sheath**  
PVC (Polyvinyl Chloride)

### Core Identification

Pair 1: ● Black ● Red  
Pair 2: ● Black ○ White  
Pair 3: ● Black ● Green  
Pair 4: ● Black ● Blue  
Pair 5: ● Black ● Yellow  
Pair 6: ● Black ● Brown  
Pair 7: ● Black ● Orange  
Pair 8: ● Red ○ White  
Pair 9: ● Red ● Green  
Pair 10: ● Red ● Blue

Pair 11: ● Red ● Yellow  
Pair 12: ● Red ● Brown  
Pair 13: ● Red ● Orange  
Pair 14: ● Green ○ White  
Pair 15: ● Green ● Blue  
Pair 16: ● Green ● Yellow  
Pair 17: ● Green ● Brown  
Pair 18: ● Green ● Orange  
Pair 19: ○ White ● Blue

### Sheath Colour

● Grey

## STANDARDS

Belden 9515, EIA RS 232, UL Style 2464

Vertical tray fire propagation and smoke release test UL 1685 FT4



## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](http://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.





## DIMENSIONS

ELAND PART NO.	BELDEN REFERENCE	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A4B9519	9519	19	AWG24(7)	0.20	11.37	168.16

## ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE pF/m		VELOCITY OF PROPAGATION %	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
	Conductor to Conductor	Conductor to Shield		
AWG24(7)	98.43	164.05	60	78.74

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.