



Belden 9525 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

Insulation
PVC (Polyvinyl Chloride)

Screen
Beldfoil[®] (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
- Pair 20: ○ White ● Yellow
- Pair 21: ○ White ● Brown
- Pair 22: ○ White ● Orange
- Pair 23: ● Blue ● Yellow
- Pair 24: ● Blue ● Brown
- Pair 25: ● Blue ● Orange

Sheath Colour
● Grey

STANDARDS

Belden 9515, 9519, 9525 as appropriate, EIA RS 232, UL Style 2464

Vertical tray fire propagation and smoke release test
UL 1685 FT4



THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECCE 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



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 and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab[®] as meeting the requirements of the BSI RoHS Trusted Kitemark[™].





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
A4B9525	9525	25	AWG24(7)	0.20	12.77	215.78

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.