



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

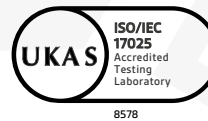
Belden 9515, 9519, 9525 as appropriate, EIA RS 232, UL Style 2464

Vertical tray fire propagation and smoke release test
UL 1685 FT4



ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab[®], an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



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.