

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.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

PVC (Polyvinyl Chloride)

Screen

Beldfoil[®] (Aluminium foil polyester tape)

Drain Wire

Tinned copper

Sheath

PVC (Polyvinyl Chloride)

CABLE STANDARDS

UL AWM Style 2464, UL 1685 FT4 EIA 232



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Voltage Rating

300V

Temperature Rating

-30°C to +80°C

Minimum Bending Radius

10 x overall diameter

Pair 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

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)	0.032	12.77	215.78

ELECTRICAL CHARACTERISTICS

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