

# Belden 9515 Multi-Conductor Cable



Eland Product Group: **A4B**

## APPLICATION

A multi-pair cable used in control systems, computers and RS232 applications.

## CONSTRUCTION

### Conductor

Class 2 stranded tinned copper conductor

### Insulation

SR - PVC (Semi Rigid - Polyvinyl Chloride)

### Screen

Beldfoil® (Aluminium foil polyester tape)

### Drain Wire

Tinned copper

### Sheath

PVC (Polyvinyl Chloride)

## CABLE STANDARDS

EIA RS232, UL1685-FT4



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

### 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
A4B9515	9515	15	AWG24(7)	0.0320	10.592	126.49

## ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE		VELOCITY OF PROPAGATION %	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
	Conductor to Conductor pF/m	Conductor to Shield pF/m		
AWG24(7)	98.43	164.05	60	78.744