

# 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.

## 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

EIA RS232, UL Style 2464, UL 1685 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

### 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

### 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
A4B9519	9519	19	AWG24(7)	0.032	11.37	168.16

## 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