

Belden 9327 Multi-Conductor Audio, Control and Instrumentation Cable



Eland Product Group: **A4B**

APPLICATION

A multi-pair cable for audio, control and instrumentation 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 1685-FT4, UL 2464



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

-20°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

Pair 26: ● Brown ● Yellow

Pair 27: ● Brown ● 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
A4B9327	9327	27	AWG22(7)	0.326	15.621	319.963

ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE		INDUCTANCE $\mu\text{H}/\text{m}$	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
	Conductor to Conductor $\mu\text{F}/\text{m}$	Conductor to Shield $\mu\text{F}/\text{m}$		
AWG22(7)	114.835	164.05	0.6562	54.1365