

Belden 9302 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 1 solid 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 Style 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

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
A4B9302	9302	2	AWG22(1)	0.326	6.19	40.18

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(1)	114.83	164.05	0.65	54.13