

**ELAND<sup>®</sup>**  
CABLES

# Belden 8443 Multi-Conductor Audio, Control and Instrumentation Cable

Eland Product Group: **A4B**

## APPLICATION

General purpose unshielded multi-pair cable for use in audio, control and instrumentation applications.

## CONSTRUCTION

### Conductor

Class 2 stranded tinned copper conductor

### Insulation

PVC (Polyvinyl Chloride)

### Sheath

PVC (Polyvinyl Chloride)

## CABLE STANDARDS

UL Style 2576, 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

150V

### Temperature Rating

-20°C to +80°C

### Minimum Bending Radius

10 x overall diameter

### Colour Code

● Black ● Red ● Green

### Sheath Colour

● Grey

## DIMENSIONS

ELAND PART NO.	BELDEN REFERENCE	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A4B8443	8443	3	AWG22(7)	0.051	4.36	23.81

## ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE pF/m	IMPEDANCE ohms	INDUCTANCE μH/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
AWG22(7)	111.55	100	0.55	51.18

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.