

ELAND[®]
CABLES

Belden 8771 Multi-Conductor Audio, Control and Instrumentation Cable

Eland Product Group: **A4B**

APPLICATION

A multi-core cable for audio, control and instrumentation applications.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

PE (Polyethylene)

Screen

Beldfoil® (Aluminium foil polyester tape)

Drain Wire

TCDW (Tinned Copper Drain Wire)

Sheath

PVC (Polyvinyl Chloride)

CABLE STANDARDS

UL 1685-FIT, UL Style 2093



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 +60°C

Minimum Bending Radius

10 x overall diameter

Colour Code

● Black ● Red ● Clear

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
A4B8771	8771	3	AWG22(7)	0.0509	5.05	32.74

ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE		MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
	Conductor to Conductor pF/m	Conductor to Shield pF/m	
AWG22(7)	75.46	134.52	49.21