

ELAND[®]
CABLES

Belden 8772 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

Tinned copper

Sheath

PVC (Polyvinyl Chloride)

CABLE STANDARDS

UL 1685, 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 |
|----------------|------------------|--------------|----------------------|-----------------------------------|--------------------------------|-------------------------|
| A4B8772 | 8772 | 3 | AWG20(7) | 0.0810 | 5.53 | 43.15 |

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 | |
| AWG20(7) | 88.58 | 167.33 | 32.81 |