

# Belden 8471 - LSZH 600V (Belden Alternative) Cable



Eland Product Group: **A3B**

## APPLICATION

Belden 8471 - LSZH (Belden Alternative) cable is suitable for use in instrumentation, security, data and audio applications where protection against electrical interference is not required.

## CONSTRUCTION

### Conductor

Stranded tinned copper conductor

### Insulation

HDPE (High-Density Polyethylene)

### Sheath

LSZH (Low Smoke Zero Halogen)

## CABLE STANDARDS

Generally to Belden 8471



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

600V

### Temperature Rating

Fixed: -40°C to +70°C

### Core Identification

Pair 1: ● Black ○ White

### Sheath Colour

● Violet

## DIMENSIONS

| ELAND PART NO. | BELDEN ALTERNATIVE | NO. OF PAIRS | AWG (NO. OF STRANDS) | NOMINAL DIAMETER OF STRANDS<br>mm | NOMINAL OVERALL DIAMETER<br>mm | NOMINAL WEIGHT<br>kg/km |
|----------------|--------------------|--------------|----------------------|-----------------------------------|--------------------------------|-------------------------|
| A3B8471NH600V  | 8471LSZH           | 1            | AWG16(19)            | 0.3                               | 6.95                           | 54                      |

## ELECTRICAL CHARACTERISTICS

| BELDEN ALTERNATIVE | MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C<br>ohms/km |
|--------------------|--|
| 8471LSZH           | 15.2   |

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.