



8723 - LSZH 600V Alternative Cable



ELAND CABLES ©

Eland Product Group: A3B

APPLICATION

8723 Alternative cable is suitable for instrumentation, computer and security applications, point of sale, control systems, and RS232 applications.

CHARACTERISTICS

Voltage Rating
600V

Temperature Rating
Fixed: -25°C to +75°C

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

HDPE (High Density Polyethylene)

Screen

Aluminium foil tape

Drain Wire

Stranded tinned copper

Sheath

U.V resistant LSZH (Low Smoke Zero Halogen)

Core Identification

Pair 1: ● Black ● Red

Pair 2: ● Green ○ White

Sheath Colour

● Violet

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





DIMENSIONS

| ELAND PART NO. | NO. OF PAIRS | AWG (NO. OF STRANDS) | NOMINAL DIAMETER OF STRANDS mm | NOMINAL OVERALL DIAMETER mm | NOMINAL WEIGHT kg/km |
|----------------|--------------|----------------------|-----------------------------------|--------------------------------|-------------------------|
| A3B8723NH600V | 2 | AWG22(7) | 0.25 | 4.2 | 30 |

ELECTRICAL CHARACTERISTICS

| VELOCITY OF PROPAGATION % | IMPEDANCE ohms | CAPACITANCE AT 1KHZ pF/m | MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km |
|------------------------------|-------------------|-----------------------------|--|
| 66 | 45 | 115 | 54.2 |

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.