

8471 600V LSZH Alternative Cable



Eland Product Group: A3B

APPLICATION

8471 Alternative cable is suitable for use in instrumentation, security, data and audio applications where protection against electrical interference is not required. For installations where fire, smoke emission and toxic fumes create a potential risk to life and equipment.

CHARACTERISTICS

Voltage Rating
600V

Temperature Rating
Fixed: -40°C to +70°C

CONSTRUCTION

Conductor
Stranded tinned copper conductor

Insulation
HDPE (High-Density Polyethylene)

Sheath
LSZH (Low Smoke Zero Halogen)

Core Identification
Pair 1: ● Black ○ White

Sheath Colour
● Violet

DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B8471NH600V	1	AWG16(19)	0.3	6.95	54

ELECTRICAL CHARACTERISTICS

MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C
ohms/km

15.2

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.



8578



FS 672069



EMS 672067

OHS 672066

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™.



ISM 634267

