

8791 300V LSZH Alternative Cable



Eland Product Group: A3B

CHARACTERISTICS

Voltage Rating
300V

Temperature Rating
+70°C

CONSTRUCTION

Conductor
Tinned copper conductor

Insulation
PVC (Polyvinyl Chloride)

Braid
Tinned copper (80% coverage)

Sheath
PVC (Polyvinyl Chloride)

Core Identification
● Red ● Black ○ White

Sheath Colour
● Dark Grey

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 CORES	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL DIAMETER OF INSULATION mm	NOMINAL THICKNESS OF SHEATH mm	NOMINAL OVERALL DIAMETER mm
A3B8791LSZH300V	3	AWG18(7)	0.404	0.60	0.71	6.6

ELECTRICAL CHARACTERISTICS

MINIMUM DC INSULATION RESISTANCE AT 20°C Mohms/m	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/100m	NOMINAL CAPACITANCE CONDUCTOR TO CONDUCTOR PF/M	NOMINAL CAPACITANCE CONDUCTOR TO CONDUCTOR & BRAID PF/M	NOMINAL VELOCITY %	NOMINAL IMPEDANCE Ω
>200	<84.6	42	75	66	120